User Manual

HTC Touch Dual™

Please Read Before Proceeding

THE BATTERY IS NOT CHARGED WHEN YOU TAKE IT OUT OF THE BOX.

DO NOT REMOVE THE BATTERY PACK WHEN THE DEVICE IS CHARGING.

YOUR WARRANTY IS INVALIDATED IF YOU OPEN OR TAMPER WITH THE DEVICE'S OUTER CASING.

PRIVACY RESTRICTIONS

Some countries require full disclosure of recorded telephone conversations, and stipulate that you must inform the person with whom you are speaking that the conversation is being recorded. Always obey the relevant laws and regulations of your country when using the recording feature of your PDA Phone.

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5,506,865	5,109,390	5,511,073	5,228,054	5,535,239	5,710,784
5,267,261	5,544,196	5,267,262	5,568,483	5,337,338	5,659,569
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Important Health Information and Safety Precautions

When using this product, the safety precautions below must be taken to avoid possible legal liabilities and damages.

Retain and follow all product safety and operating instructions. Observe all warnings in the operating instructions on the product.

To reduce the risk of bodily injury, electric shock, fire and damage to the equipment, observe the following precautions.

ELECTRICAL SAFETY

This product is intended for use when supplied with power from the designated battery or power supply unit. Other usage may be dangerous and will invalidate any approval given to this product.

SAFETY PRECAUTIONS FOR PROPER GROUNDING INSTALLATION

CAUTION: Connecting to an improperly grounded equipment can result in an electric shock to your device.

This product is equipped with a USB Cable for connecting with desk-top or notebook computer. Be sure your computer is properly grounded (earthed) before connecting this product to the computer. The power supply cord of a desktop or notebook computer has an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet which is properly installed and grounded in accordance with all local codes and ordinances.

SAFETY PRECAUTIONS FOR POWER SUPPLY UNIT

- **Use the correct external power source**
  A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.
- **Handle battery packs carefully**
  This product contains a Li-ion battery. There is a risk of fire and burns if the battery pack is handled improperly. Do not attempt to open or service the battery pack. Do not disassemble, crush, puncture, short external contacts or circuits, dispose of in fire or water, or expose a battery pack to temperatures higher than 60˚C (140˚F).

WARNING: Danger of explosion if battery is incorrectly replaced. To reduce risk of fire or burns, do not disassemble, crush, puncture, short external contacts, expose to temperature above 60˚C (140˚F), or dispose of in fire or water. Replace only with specified batteries. Recycle or dispose of used batteries according to the local regulations or reference guide supplied with your product.

- **Take extra precautions**
  - Keep the battery or device dry and away from water or any liquid as it may cause a short circuit.
  - Keep metal objects away so they don't come in contact with the battery or its connectors as it may lead to short circuit during operation.
  - Do not use a battery that appears damaged, deformed, or discolored, or the one that has any rust on its casing, overheats, or emits a foul odor.
  - Always keep the battery out of the reach of babies and small children, to avoid swallowing of the battery. Consult the doctor immediately if the battery is swallowed.
  - If the battery leaks:
    - Do not allow the leaking fluid to come in contact with skin or clothing. If already in contact, flush the affected area immediately with clean water and seek medical advice.
    - Do not allow the leaking fluid to come in contact with eyes. If already in contact, DO NOT rub; rinse with clean water immediately and seek medical advice.
    - Take extra precautions to keep a leaking battery away from fire as there is a danger of ignition or explosion.
  - Communicate the appropriate steps immediately in case a hazard occurs.

SAFETY PRECAUTIONS FOR DIRECT SUNLIGHT

Keep this product away from excessive moisture and extreme temperatures. Do not leave the product or its battery inside a vehicle or in places where the temperature may exceed 60°C (140°F), such as on a car dashboard, window sill, or behind a glass that is exposed to direct sunlight or strong ultraviolet light for extended periods of time. This may damage the product, overheat the battery, or pose a risk to the vehicle.

PREVENTION OF HEARING LOSS

CAUTION – Permanent hearing loss may occur if earphones or headphones are used at high volume for prolonged periods of time.

SAFETY IN AIRCRAFT

Due to the possible interference caused by this product to an aircraft's navigation system and its communications network, using this device's phone function on board an airplane is against the law in most countries. If you want to use this device when on board an aircraft, remember to turn off the phone by switching to Flight Mode.

ENVIRONMENT RESTRICTIONS

Do not use this product in gas stations, fuel depots, chemical plants or where blasting operations are in progress, or in potentially explosive atmospheres such as fuelling areas, fuel storehouses, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Please be aware that sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

EXPLOSIVE ATMOSPHERES

When in any area with a potentially explosive atmosphere or where flammable materials exist, the product should be turned off and the user should obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death. Users are advised not to use the equipment at refueling points such as service or gas stations, and are reminded of the need to observe restrictions on the use of radio equipment in fuel depots, chemical plants, or where blasting operations are in progress. Areas with a potentially explosive atmosphere are often, but not always, clearly marked. These include fueling areas, below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

ROAD SAFETY

Vehicle drivers in motion are not permitted to use telephony services with handheld devices, except in the case of emergency. In some countries, using hands-free devices as an alternative is allowed.

SAFETY PRECAUTIONS FOR RF EXPOSURE

- Avoid using your device near metal structures (for example, the steel frame of a building).
- Avoid using your device near strong electromagnetic sources, such as microwave ovens, sound speakers, TV and radio.
- Use only original manufacturer-approved accessories, or accessories that do not contain any metal.
- Use of non-original manufacturer-approved accessories may violate your local RF exposure guidelines and should be avoided.

INTERFERENCE WITH MEDICAL EQUIPMENT FUNCTIONS

This product may cause medical equipment to malfunction. The use of this device is forbidden in most hospitals and medical clinics.

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn the phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

HEARING AIDS

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

NONIONIZING RADIATION

Your device has an internal antenna. This product should be operated in its normal-use position to ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

Use only the supplied integral antenna. Use of unauthorized or modified antennas may impair call quality and damage the phone, causing loss of performance and SAR levels exceeding the recommended limits as well as result in non-compliance with local regulatory requirements in your country.

To assure optimal phone performance and ensure human exposure to RF energy is within the guidelines set forth in the relevant standards, always use your device only in its normal-use position. Do not touch or hold the antenna area unnecessarily when placing or receiving a phone call. Contact with the antenna area may impair call quality and cause your device to operate at a higher power level than needed. Avoiding contact with the antenna area when the phone is IN USE optimizes the antenna performance and the battery life.

General Precautions

- **Avoid applying excessive pressure to the device**
  Do not apply excessive pressure on the screen and the device to prevent damaging them and remove the device from your pants' pocket before sitting down. It is also recommended that you store the device in a protective case and only use the device stylus or your finger when interacting with the touch screen. Cracked display screens due to improper handling are not covered by the warranty.
- **Heed service markings**
  Except as explained elsewhere in the Operating or Service documentation, do not service any product yourself. Service needed on components inside these compartments should be done by an authorized service technician or provider.
- **Damage requiring service**
  Unplug the product from the electrical outlet and refer servicing to an authorized service technician or provider under the following conditions:
  - Liquid has been spilled or an object has fallen into the product.
  - The product has been exposed to rain or water.
  - The product has been dropped or damaged.
  - There are noticeable signs of overheating.
  - The product does not operate normally when you follow the operating instructions.

- **Avoid hot areas**
  The product should be placed away from heat sources such as radiators, heat registers, stoves, or other products (including, but not limited to, amplifiers) that produce heat.
- **Avoid wet areas**
  Never use the product in a wet location.
- **Avoid using your device after a dramatic change in temperature**
  When you move your device between environments with very different temperature and/or humidity ranges, condensation may form on or within the device. To avoid damaging the device, allow sufficient time for the moisture to evaporate before using the device.

  NOTICE: When taking the device from low-temperature conditions into a warmer environment or from high-temperature conditions into a cooler environment, allow the device to acclimate to room temperature before turning on power.
- **Avoid pushing objects into product**
  Never push objects of any kind into cabinet slots or other openings in the product. Slots and openings are provided for ventilation. These openings must not be blocked or covered.
- **Mounting accessories**
  Do not use the product on an unstable table, cart, stand, tripod, or bracket. Any mounting of the product should follow the manufacturer's instructions, and should use a mounting accessory recommended by the manufacturer.
- **Avoid unstable mounting**
  Do not place the product with an unstable base.
- **Use product with approved equipment**
  This product should be used only with personal computers and options identified as suitable for use with your equipment.
- **Adjust the volume**
  Turn down the volume before using headphones or other audio devices.
- **Cleaning**
  Unplug the product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning, but NEVER use water to clean the LCD screen.

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Getting Started

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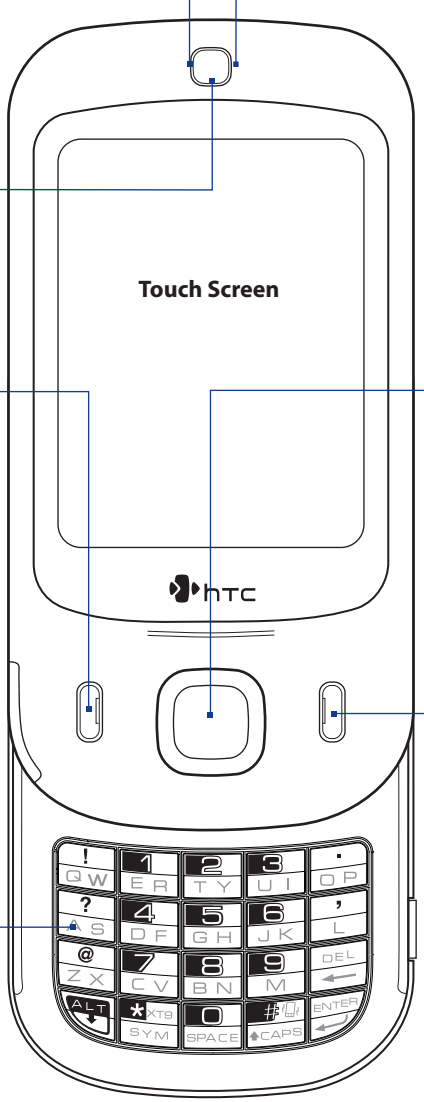
1.1 Getting to Know Your Device and Accessories

Front panel



Notification LEDs
* See description below.

Earpiece
Listen to a phone call from here.

Touch Screen

TALK
Press to answer an incoming call or dial a number.

20-key keyboard
Slide up the front panel of the device to reveal the keyboard. Use to dial phone numbers or enter information.

4-WAY NAVIGATION CONTROL with ENTER button
Press this multi-directional control up, down, left, or right to move through menus and program instructions; carry out the selection by pressing the center button.

END
Press to end a call or to return to the Today screen. Press and hold to open the Quick List where you can choose an action to do.

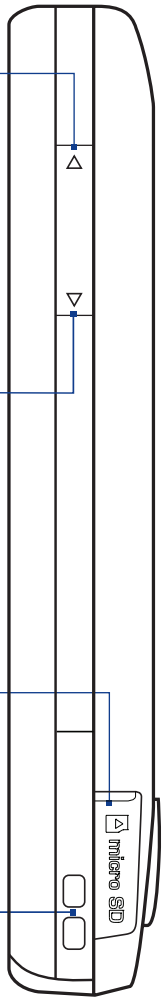
In the Quick List, touch **Settings** (or tap **Start** > **Settings** > **System** tab > **Long Press End Key**) to set the behavior when pressing and holding the END key.

---

* Right LED: Shows Green and Amber lights for CDMA standby, message, and network status as well as for notification and battery charging status. Shows a flashing red light when the battery level reaches 5% or lower.

Left LED: Shows a flashing Blue light when the Bluetooth system is powered up and ready to transmit Bluetooth radio signal.

Left panel



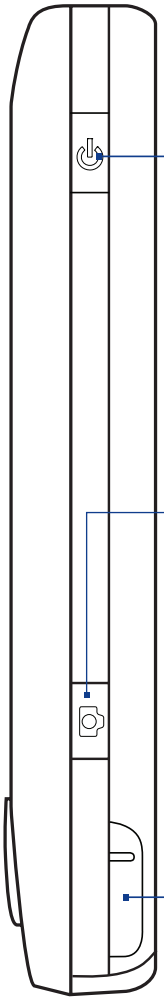
Volume Up Button
- Press to increase the speaker volume (or the earpiece volume during a call).
- Press and hold to launch the Voice Notes recorder.

Volume Down Button
- Press to decrease the speaker volume (or the earpiece volume during a call).
- Press and hold to start the Voice Command feature.

microSD Slot
See "To install the microSD™ card" for details.

Lanyard/Strap holder

Right panel

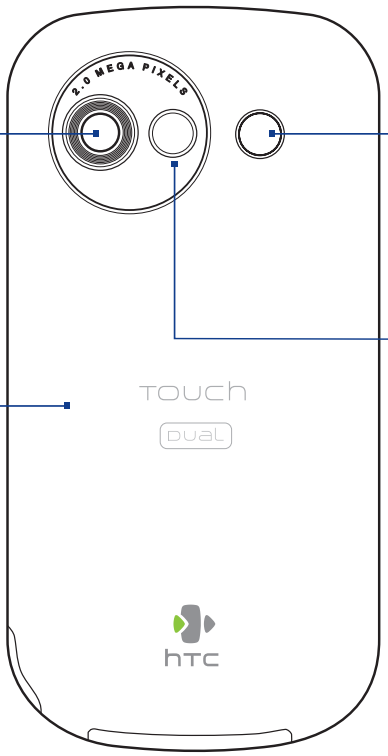


POWER
Press to turn off the display temporarily.
To turn off the power, press and hold for about 5 seconds.

CAMERA
Press to launch the Camera.

Stylus

Back Panel



2 Megapixel Camera
See Chapter 12 for details.

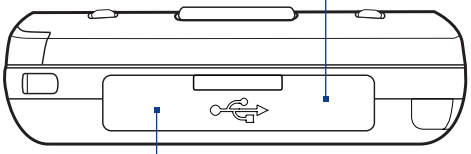
Speaker

Self-portrait Mirror
Use it when taking self-portrait shots.

Back Cover
Remove to install the battery.

Bottom Panel

RESET
Open the rubber cover to access the RESET button. With the stylus, press the RESET button to soft-reset your device.



Sync Connector/Earphone Jack/AC adapter connector
Open the rubber cover to connect the supplied USB cable to synchronize information or plug in the AC adapter to recharge the battery. You can also connect the supplied USB stereo headset for hands-free conversation or for listening to audio media.

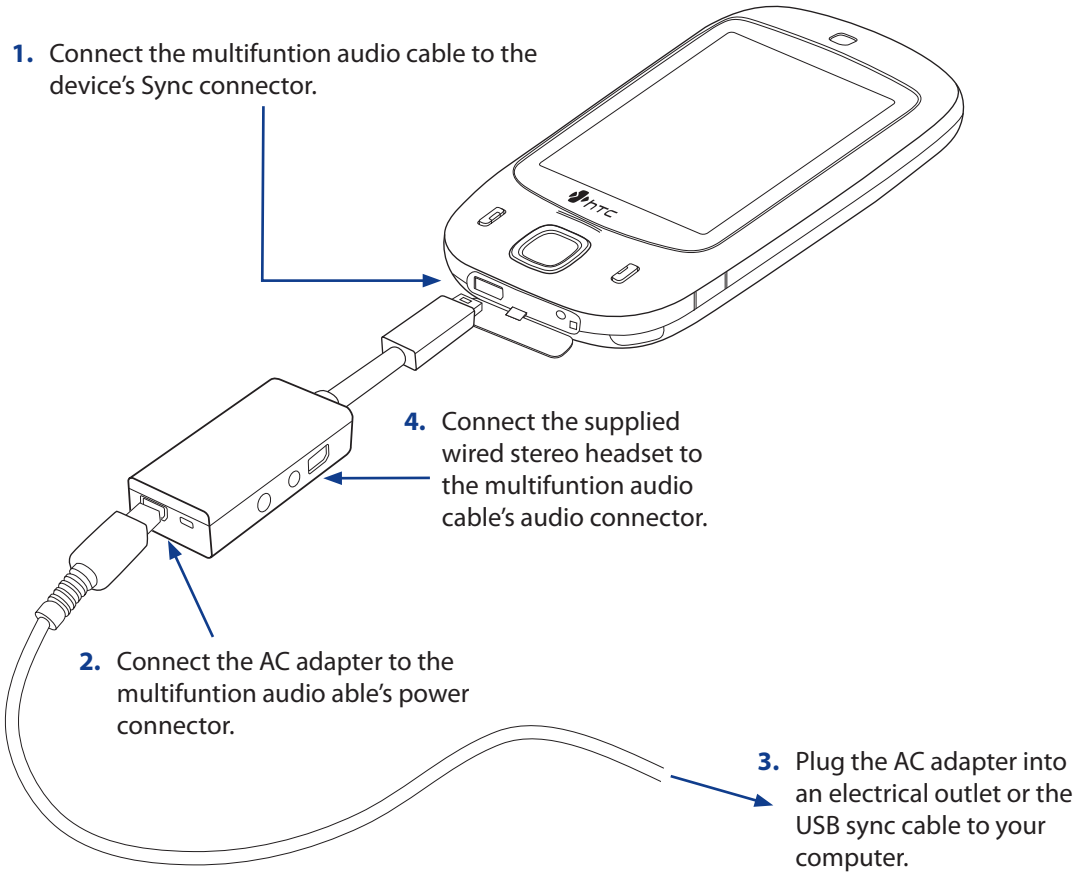
Inside the box

The product package includes the following items and accessories:

- Touch Phone
- AC Adapter
- Battery
- Extra Stylus
- Getting Started Disc
- Multifunction Audio Cable
- Pouch
- Quick Start Guide and Read First Poster
- Screen Protector
- USB Sync Cable
- Wired Stereo Headset

The Multifunction Audio Cable

The supplied multifuntion audio cable enables you to use a stereo headset to listen to music while the device is connected to an AC adapter or the USB sync cable. You can use the USB stereo headset that comes with your device, or connect a headset with either a 2.5 mm or 3.5 mm jack.


1. Connect the multifuntion audio cable to the device's Sync connector.
htc
4. Connect the supplied wired stereo headset to the multifuntion audio cable's audio connector.
2. Connect the AC adapter to the multifuntion audio able's power connector.
3. Plug the AC adapter into an electrical outlet or the USB sync cable to your computer.

1.2 The Battery and the Storage Card

Your device contains a rechargeable Li-ion battery. It is designed to use only manufacturer-specified original batteries and accessories. Battery performance depends on many factors, including network configuration, signal strength, the temperature of the environment in which you operate your device, the features and/or settings you select and use, items attached to connecting ports, and your voice, data, and other program usage patterns.

Battery life estimates (approximations):

- Standby time: Up to **360** hours.
- Talk time: Up to **6.4** hours.
- Media playback time: Up to **8** hours for WMV; up to **12** hours for WMA.

Warning! To reduce risk of fire or burns:

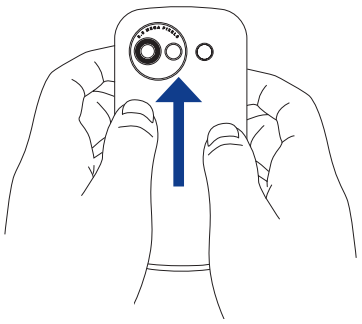
- Do not attempt to open, disassemble, or service the battery pack.
- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Do not expose to temperatures above 60°C (140°F).
- Replace only with the battery pack designated for this product.
- Recycle or dispose of used battery as stipulated by local regulation.

Install the battery

To remove the back cover

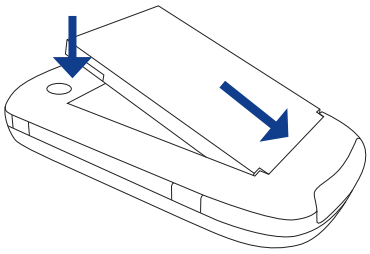
Before installing the battery, you have to remove the back cover.

1. Make sure your device is turned off.
2. Slide the back cover upward to remove it as shown in the illustration on the right.



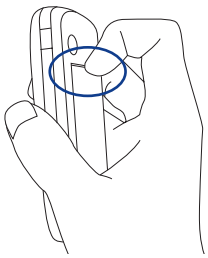
To install the battery

1. Install the battery by inserting it with its exposed copper part aligned with the protruding copper conductor on the lower-left side of the battery compartment.
   Insert the bottom side of the battery first, then gently push the battery into place.
2. Replace the back cover.



To remove the battery

1. Make sure your device is turned off.
2. Remove the back cover.
3. To remove the battery, lift it up from the top end of the battery.



Battery Information

To charge the battery

New batteries are shipped partially charged. Before you start using your device, it is recommended that you charge the battery. Some batteries perform best after several full charge/discharge cycles.

1. Connect one end of the USB sync cable to the sync connector on your device.
2. Connect the other end of the USB sync cable to the USB port of the AC adapter.
3. Plug in the AC adapter to an electrical outlet to start charging the battery. The battery is fully charged after 3 hours of charging.

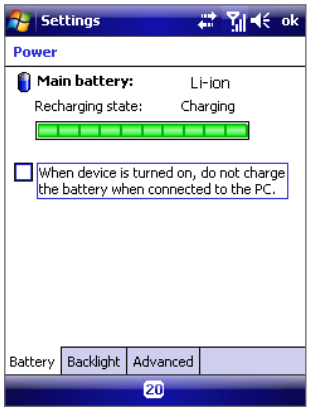
Note Only the AC adapter and USB cable provided with your device should be used to charge the device.

Charging is indicated by a solid amber light on the left LED indicator. As the battery is being charged while the device's power is on, a charging icon ( ) will be shown on the title bar of the Today screen. After the battery has been fully charged, the left LED becomes green and a full battery icon ( ) appears on the Today screen's title bar.

Warning!
- Do not remove the battery from the device while you are charging it using the AC or car adapter.
- As a safety precaution, the battery stops charging when it overheats.

To check the battery power

1. Power on your device.
2. Tap **Start > Settings > Systems** tab **> Power**. The Power Settings screen will then open where you can see the current battery power level.
   When the battery power gets very low, a warning message will be displayed. When you see this, immediately save your data by synchronizing with your PC, or save your data on a secondary storage card, and then turn off your device. Do not attempt to restart your device until you have connected it with the power adapter.



Low battery

When the low-battery warning appears, do the following:

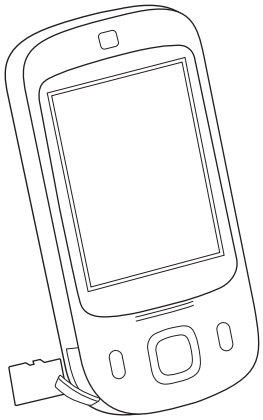
1. Immediately save your current data.
2. Synchronize with your PC or connect the power adapter to charge the battery.
3. Turn off your device.

Install the microSD™ card (not included)

If you need more storage for your device, you can use a microSD™ card (not included) to save media and other files.

1. Pry open the rubber cover at the bottom-left side of the device.
2. Insert the microSD card with the gold contacts facing up.
3. Close the rubber cover.

Tip Press the microSD card to pop it out of the slot.



1.3 Starting Up

Turn your device on and off

To turn on the power

Press and hold the POWER button for a few seconds.

When you turn on your device for the first time, a Quick Start Wizard will guide you through the calibration process and the setup of regional settings, date and time, and password. For more information about touch screen calibration, see "Calibrate the device".

To turn off the power

Press and hold the POWER button for a few seconds. A message will then be displayed, prompting you whether or not to turn off the device completely.

Calibrate the device

Calibrating the touch screen involves tapping the center of a cross with the stylus as the cross moves around the screen. This process ensures that when you tap the screen with your stylus, the tapped item is activated.

If your device does not accurately respond to screen taps, follow these steps to re-calibrate it:

1. Tap **Start > Settings > System** tab **> Screen**.
2. On the **General** tab, tap **Align Screen**, then follow the onscreen instructions to complete the calibration.

Manage screen settings

The device's display has the following orientation modes: **Portrait** and **Landscape**. To change the orientation, tap **Start > Settings > System** tab **> Screen**, and select the orientation you want.

Tip To quickly change the screen orientation, you can also tap the **Rotate Screen** icon in HTC Home's Launcher. See "HTC Home" later in this chapter for details.

To smooth the edges of screen fonts for many programs, on the **ClearType** tab, select the **Enable ClearType** check box.

To increase the readability or to see more content on the screen, on the **Text Size** tab, adjust the text size by moving the slider.

Switch your device to Sleep mode

Quickly pressing the POWER button turns off the display temporarily and switches your device to **Sleep mode**. Sleep mode suspends your device to a low power state while the display is off in order to save battery power. Your device also automatically goes into Sleep mode when you leave the device idle after a certain amount of time.

You will still be able to receive messages and calls while your device is in Sleep mode. Pressing the POWER button again or new incoming calls/messages will wake up your device.

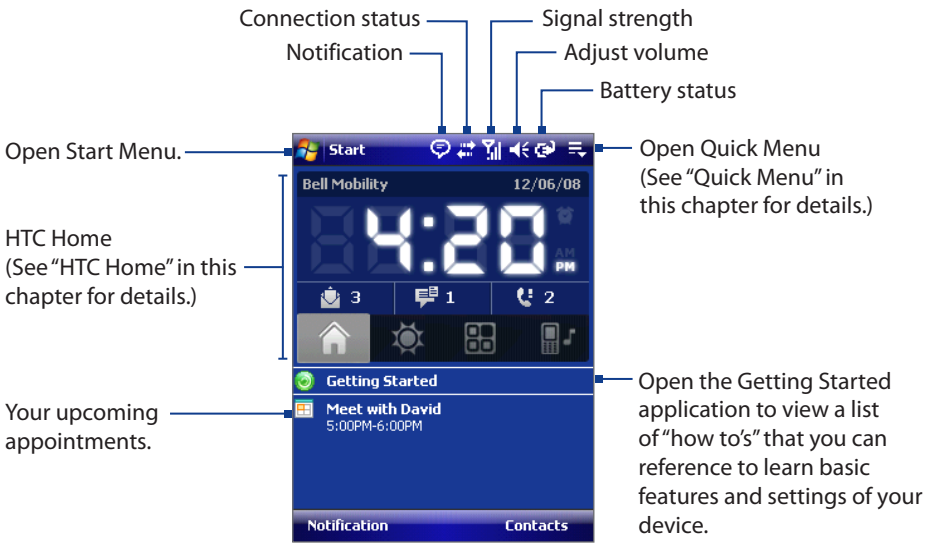
To specify the timeout period before your device goes into Sleep mode

1. Tap **Start** > **Settings** > **System** tab > **Power** > **Advanced** tab.
2. Under **On battery power**, make sure the **Turn off device if not used for** check box is selected.
3. Select the battery timeout period, then tap **OK**.

1.4 The Today Screen

The Today screen displays important information, such as upcoming appointments and status indicators. You can touch or tap a section on the screen to open the associated program.

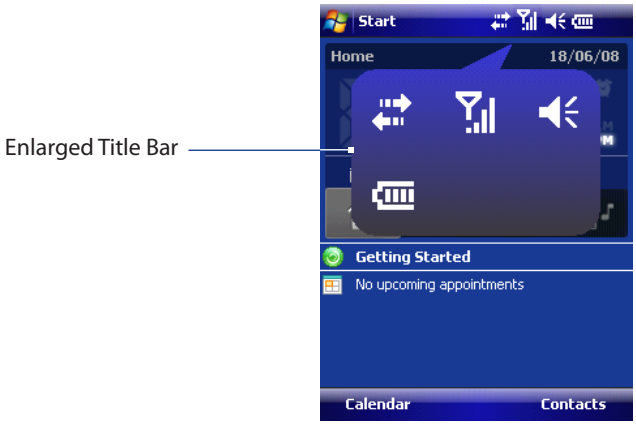
- To access the Today screen, tap **Start** > **Today**.
- To customize the Today screen display, including the background image, tap **Start** > **Settings** > **Personal** tab > **Today**.



Tip For more information about customizing the Today screen, see Chapter 4.

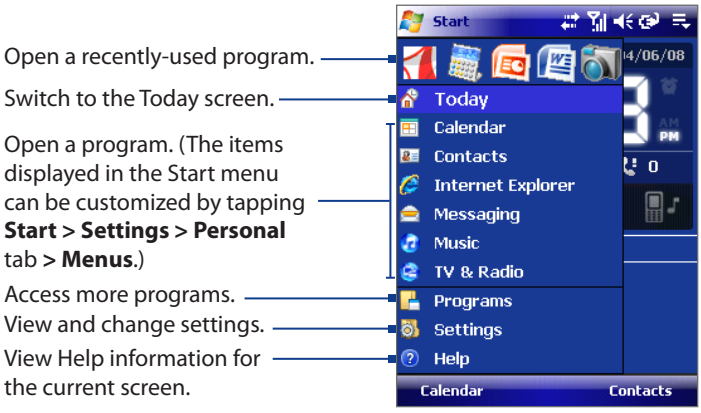
Enlarged Title Bar

Touch the area in the Title bar where the icons are to show the enlarged title bar. In the enlarged Title bar, touch the item to activate it. The enlarged Title bar is available in all screens.



1.5 The Start Menu

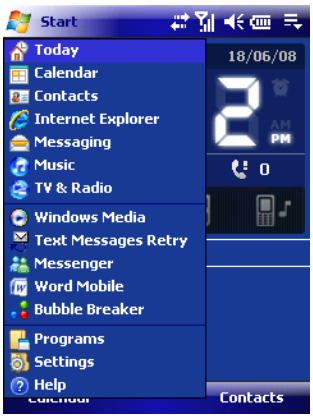
The Start menu, located at the top left corner of the Today screen, displays a list of programs. You can start a program by scrolling through the programs list and then pressing ENTER, or by tapping a program with the stylus.



Disable Large Start menu

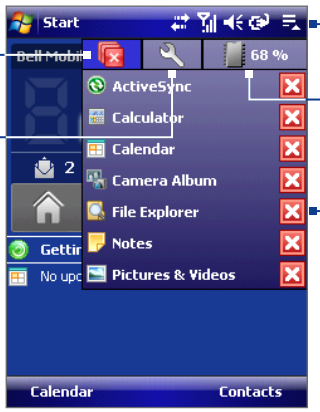
By default, the Start menu is set to Large. You can choose to set the Start menu size to normal.

1. Tap **Start > Settings > Personal tab > Large Start Menu**.
2. Clear the **Enable large Start menu** check box.
3. Tap **OK**.



1.6 Quick Menu

The Quick Menu, located at the top right corner of the Today screen, shows the currently running programs. You can quickly switch between running programs and stop programs when you do not need to use them.



Stop all currently running programs.

Customize Task Manager settings. (See "Using Task Manager" in Chapter 12.)

Tap this button to open the Quick Menu.

Display the percentage of memory in use. Tap this icon to view more information about memory usage.

- To switch to a running program, tap the program name.
- To stop running a program, tap .

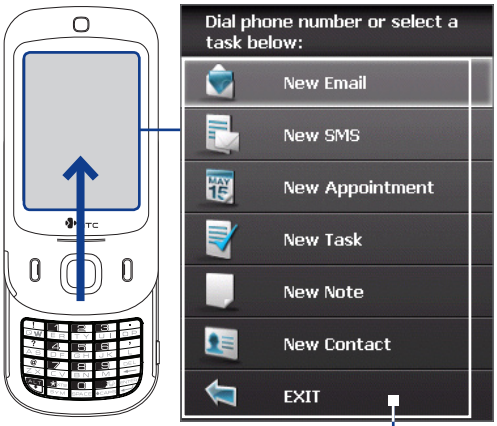
1.7 Quick Tasks

QuickTasks lets you quickly access frequently-used tasks by simply opening the front panel of the device.

The QuickTasks only opens when you open the keyboard while on the Today screen.

You can disable the Quick Tasks by tapping **Start > Settings > System** tab **> Keypad QuickTasks** and clearing the **Enable QuickTasks when keypad is opened** check box.

Note QuickTasks will not open when the screen orientation is in Landscape mode.

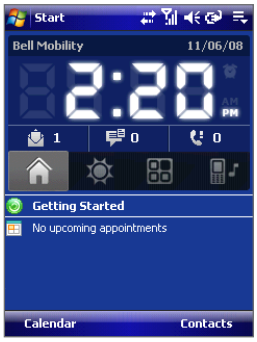


Touch to activate the item

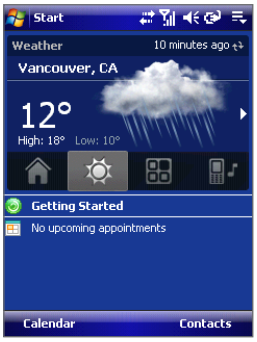
1.8 HTC Home

HTC Home is a Today screen plug-in that gives you up-to-date local information at a glance, such as time, day and weather information, and shows new messages and missed calls. It also has a customizable launcher where you can add your favorite applications for one-touch access and a Profile selector where you can quickly change the profile or ring tone of your device.

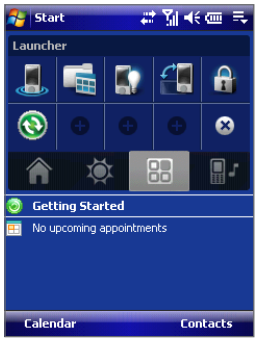
HTC Home has four components: **Home**, **Weather**, **Launcher**, and **Sound**. At the bottom of HTC Home, there is a toolbar that allows you to switch between these components.



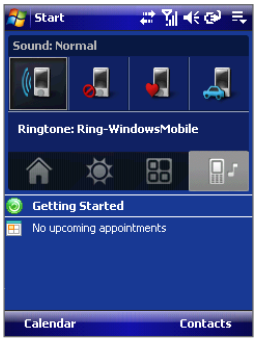
Home



Weather



Launcher



Sound

To switch between the different components of HTC Home

Do any of the following:

- Touch the tabs in the toolbar using your finger.
- Tap the tabs in the toolbar using the stylus.
- Use the NAVIGATION Control. If the toolbar is not selected, press NAVIGATION up/down first to select the toolbar. Press NAVIGATION left/right to select a tab and then press ENTER.

Home

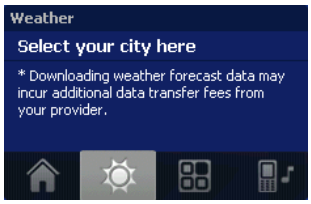
Home displays the current day, date and local time. When you have new incoming messages and calls, it shows you the number of new e-mails, text messages, and missed calls. If you have set up the alarm, it also shows the Alarm icon.

Time display. Touch this display area when you want to change the date or time, or to enable the alarm.
Bell Mobility
11/06/08
2:20
AM
PM
1
0
0
Current day and date.
Alarm icon.
Number of missed calls. Touch this icon to view the Call History.
Number of new e-mails. Touch this icon to view your e-mails.
Number of new text messages. Touch this icon to view your text messages.

Weather

Weather shows you the current weather as well as weather information of the next four days of the week. The first time you use this feature, you need to select your city first to get the weather information of your city.

To select your city

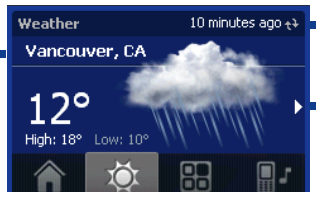

Weather
Select your city here
* Downloading weather forecast data may incur additional data transfer fees from your provider.

1. Select the **Weather** tab ( ).
2. Tap the area that shows **Select your city here**.
3. On the Select City screen, type in the city namewhose weather information you want to track, then tap .
   You can also browse through the list of cities to choose your city.
4. Select the city on the list and tap **Select**.

Note Downloading weather forecast data may incur additional data transfer fees from your service provider.

To view weather information

After selecting your city, your device automatically connects to the Internet via the data connection and downloads weather information of the current day and the next four days of the week. The current temperature, the highest and lowest temperatures, and a visual indicator of the climate (showing if it's a cloudy or rainy day, etc.) will be displayed in the **Weather** tab.



Tap this area if you want to select another city.

Shows the time or days that have passed since the last download of weather information. Touch this item to download the latest weather data.

Tap this area to view weather information of the next four days of the week.

Current day's weather.

Tap this area to return to the current day's weather.

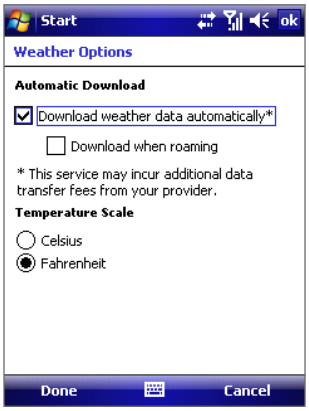
Weather for the next four days.

Note If you have not connected to the Internet and downloaded weather information for five days, the following error message will be displayed: "Unable to retrieve data for selected city. Select here to retry." Use the data connection to connect your device to the Internet, then touch the area that shows the error message to download weather data.

To customize weather settings

1. Tap the area that shows the city name.
2. On the Select City screen, select **Menu > Weather Options**.
3. You can enable or disable the following options:

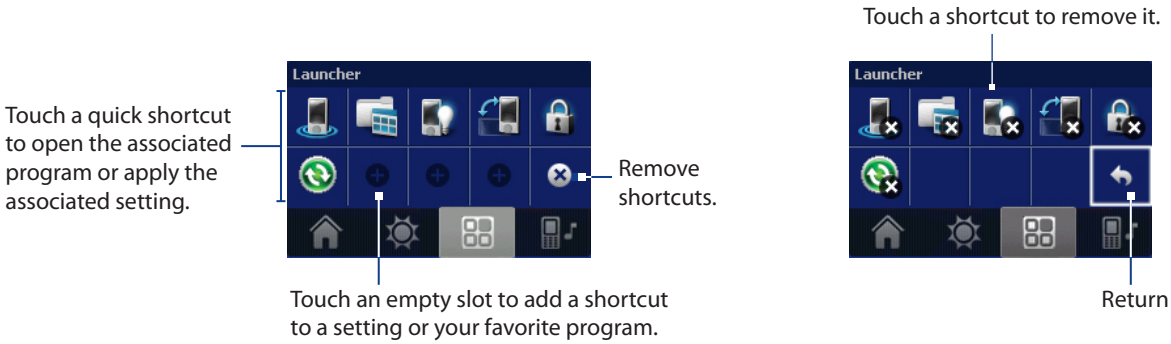
- **Download weather data automatically**.
  When this check box is selected, weather information will automatically be downloaded from the AccuWeather Web site whenever you select the **Weather** tab, if the data has not been updated within the last three hours. Weather data will also be downloaded every time an ActiveSync connection occurs (through over-the-air or USB connection).
  Clear this check box if you prefer to manually download weather information.
- **Download when roaming**. Select this check box only if you want to allow automatic download of weather data when you're roaming. This may incur additional costs.
- **Temperature Scale**. Choose whether to display temperature in Celsius or Fahrenheit.



Tip To check for more detailed weather information on the AccuWeather Web site, select **Menu > About Weather** on the Select City screen and then touch the link that shows AccuWeather.com. Internet Explorer Mobile then opens and brings you to the AccuWeather Web site.

Launcher

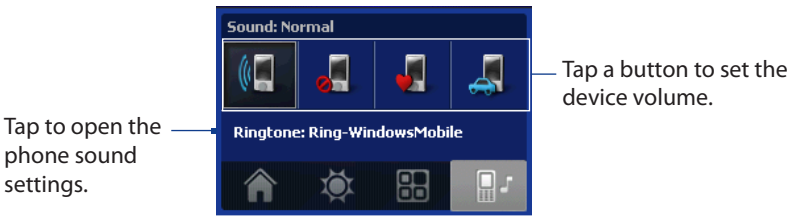
Launcher allows you to add quick shortcuts to your favorite programs and settings for one-touch access. Quick settings such as **Adjust Backlight**, **Rotate Screen** and **Lock Device**, and a few program shortcuts are added by default. They can be replaced with your preferred settings and programs.


Touch a shortcut to remove it.
Launcher
Touch a quick shortcut to open the associated program or apply the associated setting.
Remove shortcuts.
Touch an empty slot to add a shortcut to a setting or your favorite program.
Launcher
Return

Note To replace a shortcut, you need to delete it first and then add a shortcut to your favorite program or setting.

Sound

Sound lets you quickly set the device volume and change the ring tone of your device.



Note To learn more about setting device volume, see Chapter 3.

1.9 TouchFLO™

TouchFLO™ is a special feature that gives you better touch panel experience on your device. With TouchFLO, you can simply use your finger to scroll and pan the screen.

TouchFLO also features **Touch Cube** where you can launch Live TV, Video Clips, Satellite Radio, and GPS Nav. You can also add your favorite contacts, play music, and access your pictures and videos.

Note Touch Cube is displayed in portrait view only. To be able to open Touch Cube, make sure your display is set to portrait mode.

Touch Cube

To open Touch Cube

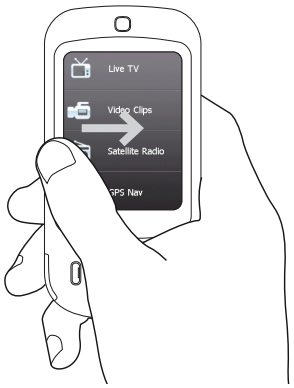
Slide your finger upward, starting from the logo at the bottom of the touch screen.

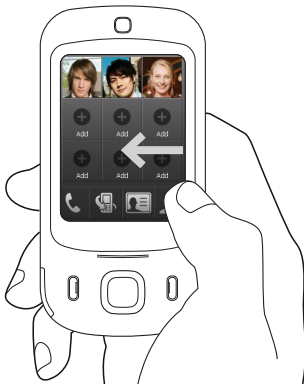
To close Touch Cube

To close Touch Cube and return to the screen prior to opening Touch Cube, slide your finger downward on the touch screen.

To navigate the Touch Cube

Touch Cube is a three-dimensional, cubic user interface. To flip the interface from one side to another, slide your finger left or right on the touch screen.

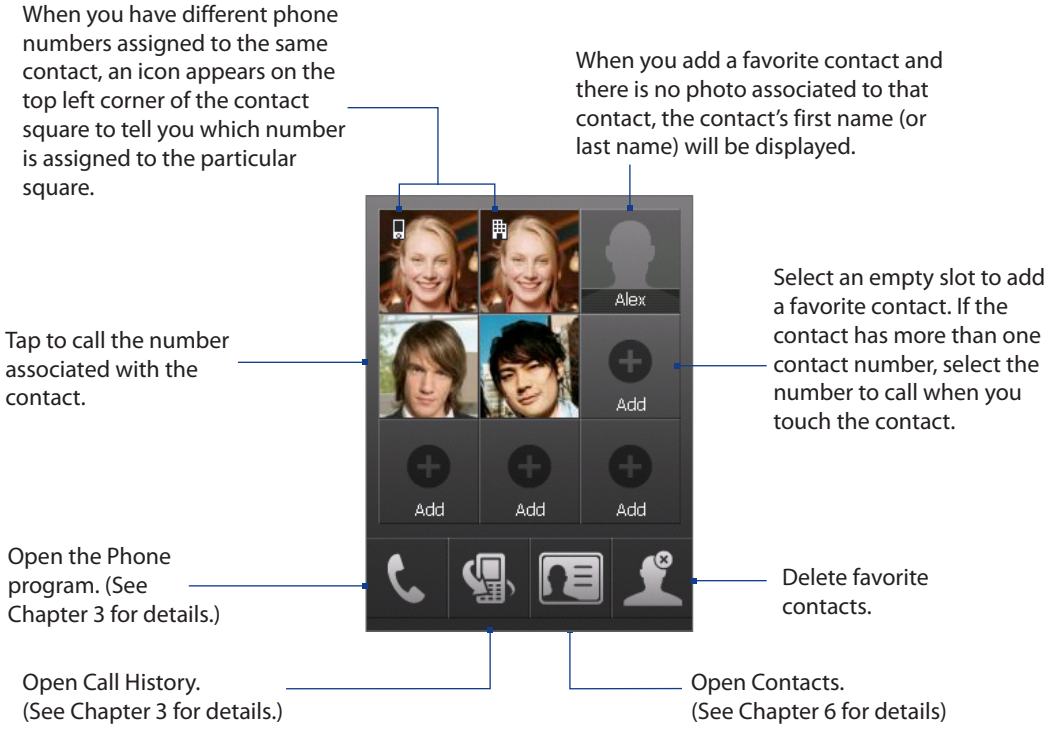


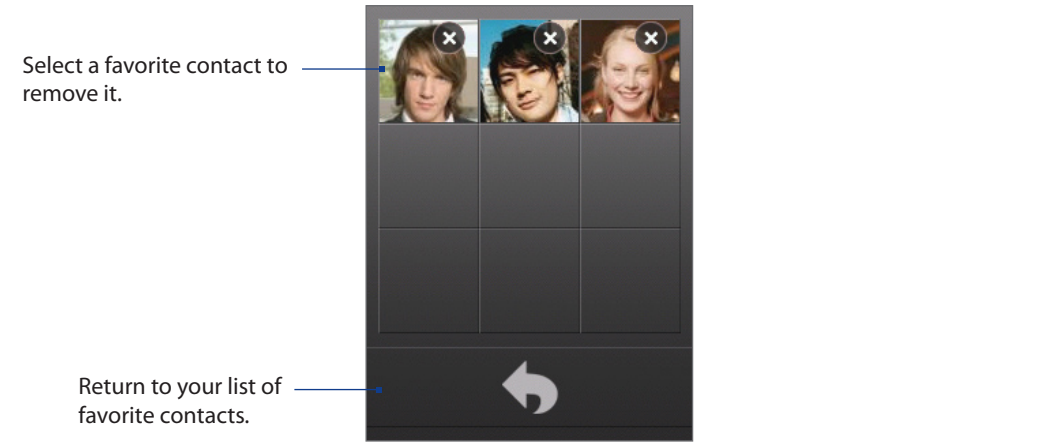


Touch Cube screens

There are three sides to the Touch Cube interface:

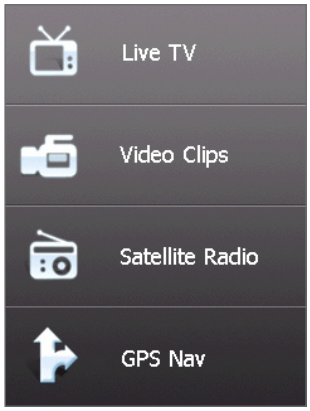
- On the first side of the interface, you can add up to nine favorite contacts. If you make calls to certain people frequently, you can add them as favorite contacts for quicker access.


When you have different phone numbers assigned to the same contact, an icon appears on the top left corner of the contact square to tell you which number is assigned to the particular square.
When you add a favorite contact and there is no photo associated to that contact, the contact's first name (or last name) will be displayed.
Alex
Add
Add
Add
Add
Tap to call the number associated with the contact.
Select an empty slot to add a favorite contact. If the contact has more than one contact number, select the number to call when you touch the contact.
Open the Phone program. (See Chapter 3 for details.)
Delete favorite contacts.
Open Call History. (See Chapter 3 for details.)
Open Contacts. (See Chapter 6 for details)

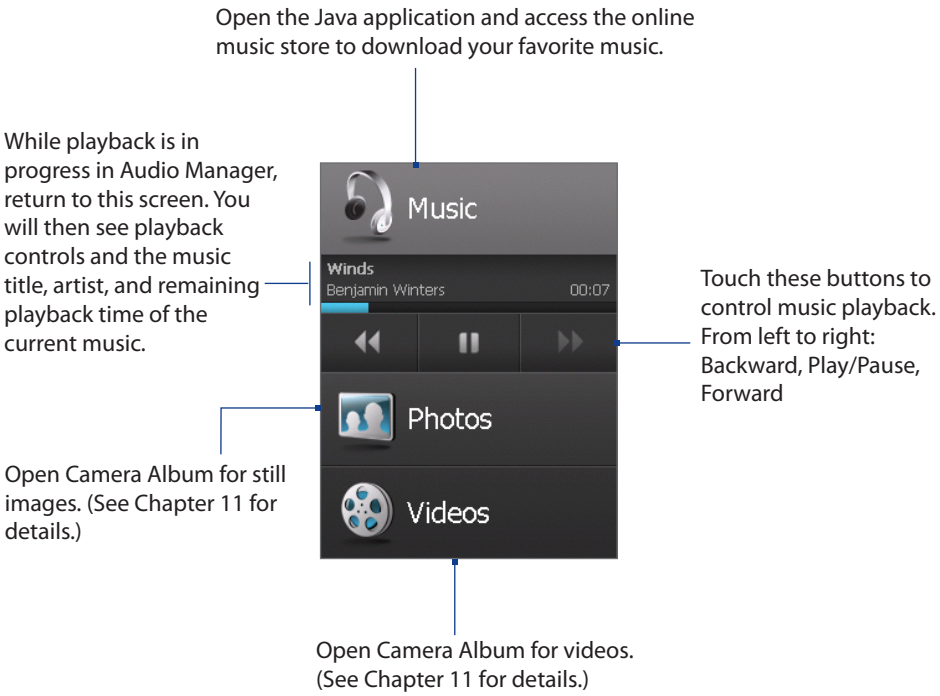


Tip You should already have contacts created or synchronized on your device before you can add them as favorite contacts.
For more information about creating contacts, see Chapter 6.
For more information about synchronizing your device with the PC, see Chapter 5
For information about synchronizing your device with the Exchange Server, see Chapter 8.

- The second side of the interface provides quick shortcuts to Live TV, Video Clips, Satellite Radio and GPS Nav. Simply touch the icons on the screen to open the corresponding program.



- On the third side of the interface, you can download music and access the images and video files on your device.


Open the Java application and access the online music store to download your favorite music.
While playback is in progress in Audio Manager, return to this screen. You will then see playback controls and the music title, artist, and remaining playback time of the current music.
Music
Winds
Benjamin Winters
00:07
Touch these buttons to control music playback. From left to right: Backward, Play/Pause, Forward
Photos
Videos
Open Camera Album for still images. (See Chapter 11 for details.)
Open Camera Album for videos. (See Chapter 11 for details.)

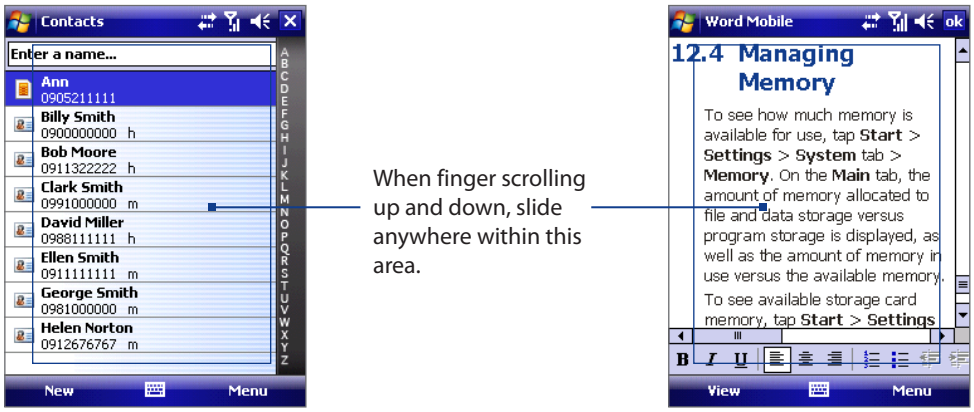
Finger scrolling and finger panning

With TouchFLO, you can use finger scrolling and finger panning when viewing content that cannot be fit entirely on the screen, such as Web pages, documents, and messages. Finger scrolling can also be used to scroll up and down lists such as the contacts list, file list, message list, and calendar appointments list.

Note Finger scrolling and panning works in both portrait and landscape modes.

To use finger scrolling

- Slide your finger downward to scroll up the screen.
- Slide your finger upward to scroll down the screen.


Contacts
Enter a name...
Ann 0905211111
Billy Smith 0900000000 h
Bob Moore 0911322222 h
Clark Smith 0991000000 m
David Miller 0988111111 h
Ellen Smith 0911111111 m
George Smith 0981000000 m
Helen Norton 0912676767 m
New
Menu
When finger scrolling up and down, slide anywhere within this area.
Word Mobile
ok
12.4 Managing Memory
To see how much memory is available for use, tap Start > Settings > System tab > Memory. On the Main tab, the amount of memory allocated to file and data storage versus program storage is displayed, as well as the amount of memory in use versus the available memory. To see available storage card memory, tap Start > Settings
View
Menu

- To scroll towards the left, slide your finger to the right.
- To scroll towards the right, slide your finger to the left.
- While the screen is scrolling, you can stop the scrolling by pressing your finger on the touch screen.

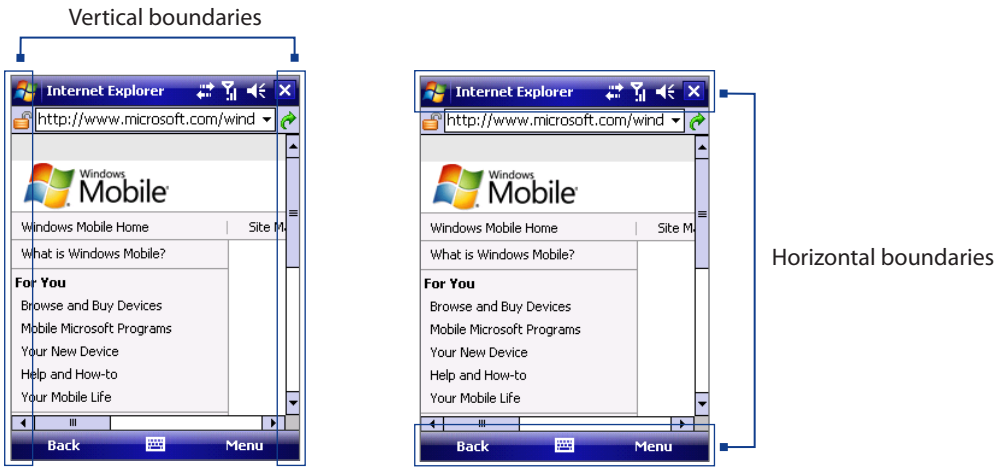
Note Scrollbars shown on the screen indicate that there is more content that cannot be fit on the screen. You can finger-scroll up and down only when there's a vertical scrollbar shown on the screen. Likewise, you can finger-scroll left and right only when there's a horizontal scrollbar.

To use finger panning

- To pan downward, touch and hold on the touch screen then drag your finger upward.
- To pan upward, touch and hold on the touch screen then drag your finger downward.
- To pan towards the right, touch and hold on the touch screen then drag your finger to the left.
- To pan towards the left, touch and hold on the touch screen then drag your finger to the right.
- You can also pan diagonally.

To continuously pan

1. Drag your finger towards the boundary and hold. The Web page, document, or message that you are viewing then continuously pans.



2. Release your finger to stop panning.

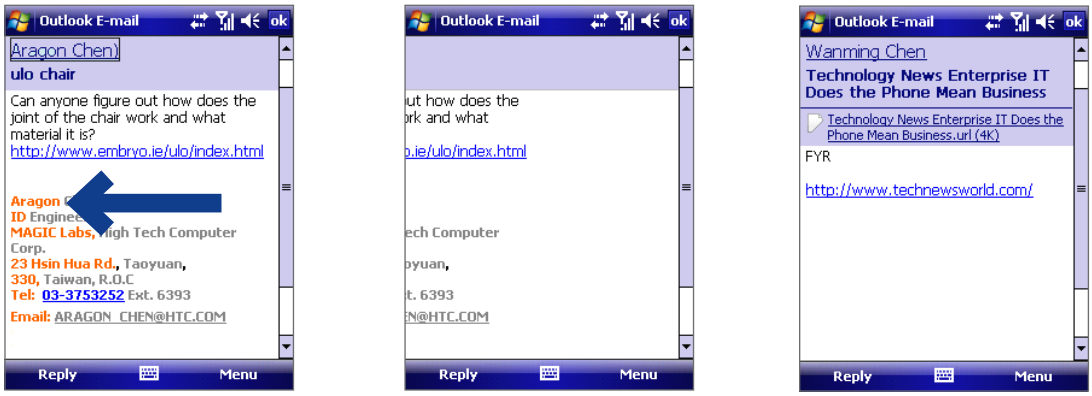
Enhanced features

TouchFLO provides enhanced features when you use E-mail and Contacts applications on the device.

To go to the next or previous message

While reading a message, you can slide your finger across the screen to go to the next or previous message.

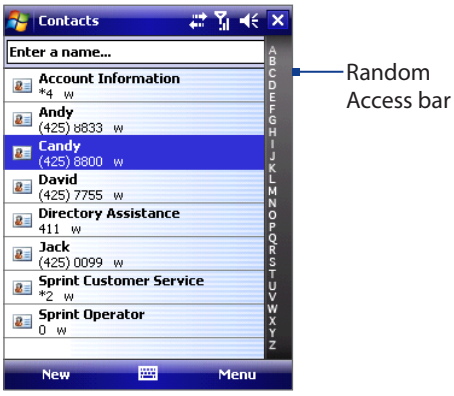
- To go to the next message, slide your finger from right to left on the screen.
- To go to the previous message, slide your finger from left to right on the screen.

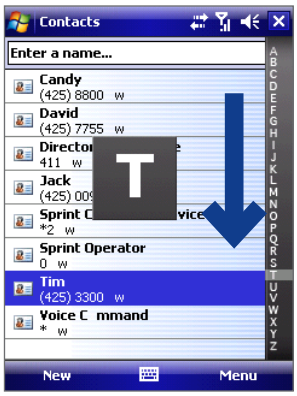


Tip If you slide to the right and you are on the first e-mail message, or slide to the left and you are on the last e-mail message, you will be returned to the e-mail list screen.

To random access in Contacts

When you open the Contacts list, the Random Access bar allows you to quickly scroll through the list.





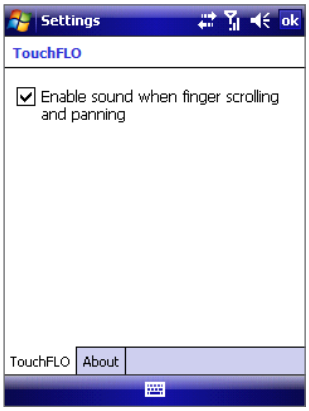
On the Random Access bar, tap a letter or scroll to a letter to contacts beginning with that letter.

To go to the next or previous messaging account

While on a messaging account screen, you can slide your finger across the screen to go to next or previous messaging account.

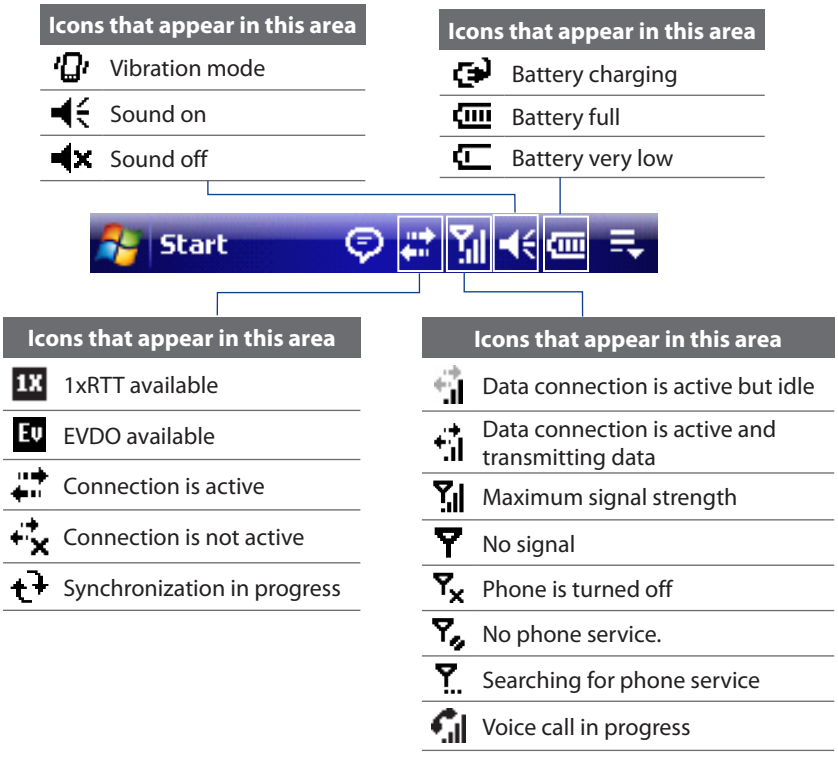
TouchFLO settings

You can enable or mute the finger scrolling and panning sound. Tap **Start** > **Settings** > **System** tab > **TouchFLO** then select or clear the **Enable sound when finger scrolling and panning** check box.



1.10 Status Icons

The following are some of the status icons that you may see on the title bar of the device.



Icons that appear in this area
There are more notifications. Tap the icon to view all.
New e-mail or text messages
New voice mail
New instant message from Live Messenger
Missed call
Speakerphone on
Roaming
Alarm
Bluetooth stereo headset detected
ActiveSync notification
Synchronization error

1.11 Programs

The following are programs that are preinstalled on your device.

Programs in the Start Menu

Icon	Description
	Today Customize the appearance and the information to be displayed on the Today screen.
	Calendar Keep track of your appointments and create meeting requests.
	Contacts Keep track of your friends and colleagues.
	Internet Explorer Browse Web and WAP sites as well as download new programs and files from the Internet.
	Messaging Send and receive e-mail and text messages.
	Music Go online to access the music store and download your favorite music.
	TV & Radio Bell Media Player provides you with your favorite TV and radio content.
	Help See Help topics for the current screen or program.

Programs screen

Icon	Description
	Games Play two pre-installed games: **Bubble Breaker** and **Solitaire**.
	Office Mobile Use the complete suite of Microsoft® Office applications for your mobile device.
	Excel Mobile Create new workbooks or view and edit Microsoft® Office Excel® workbooks.
	PowerPoint Mobile View Microsoft® Office PowerPoint® slides and presentations.
	Word Mobile Create, view, and edit Microsoft® Office Word documents.
	OneNote Mobile Create OneNote files on your device and then synchronize them with your PC.
	ActiveSync Synchronize information between your device and a PC or the Exchange Server.
	Adobe Reader LE View PDF (Portable Document Format) files on your device.
	Audio Booster Enhances your music experience by providing you with controls for adjusting equalizer, 3D sound, treble, and bass settings.
	Audio Manager Browse and play back music files.
	Bluetooth Explorer Search for other Bluetooth devices that have file sharing enabled and access their Bluetooth shared folder.
	Calculator Perform basic arithmetic and calculations, such as addition, subtraction, multiplication, and division.
	Camera Album View your photos and videos.
	Camera Take photos or shoots video clips with accompanying audio.
	File Explorer Organize and manage files on your device.
	Getting Started Provide a list of "how to's" that you can reference to learn basic features and settings of your device. Tap one of the items onscreen to learn how to do the task.
	GPSNav TeleNav GPS Navigator™ provides you with driving directions and a host of other services.
	Java Download and install Java applications, such as games and tools, to your device.
	Messenger Use this mobile version of Windows Live Messenger to send and receive instant messages on your device.
	Notes Create handwritten or typed notes, drawings, and voice recordings.
	Opera Browser This is the mobile version of the Opera browser.
	Phone Make and receive calls, switch between calls, and set up conference calling.
	Pictures & Videos View, organize, and sort pictures, animated GIFs, and video files on your device or a storage card.
	Remote Desktop Mobile Connect and control your desktop computer remotely from your device.
	RSS Hub Download and read the latest web feeds from the Internet. See Chapter 10 for details.
	Search Search contacts, data, and other information on your device.

Icon	Description
	SelfServe Check and keep track of your mobile phone bill.
	Tasks Keep track of your tasks.
	Text Messages Retry Resend SMS messages that failed delivery.
	Voice Recorder Record your voice, play it back, and then send it via e-mail or Bluetooth. You can also set the recorded voice as your ring tone.
	Windows Live Use this mobile version of Windows Live™ to find information on the Web. It also lets you sign into your Windows Live account so that you can access your Live Mail messages and send/receive instant messages in Live Messenger.
	Windows Media Play back audio and video files.
	WModem Connect your computer to the Internet using your device's data connection.
	ZIP Save memory and free up storage space on your device by compressing files in the conventional ZIP format.

1.12 Settings

You can adjust the device settings to suit the way you work. To see all available settings, tap **Start > Settings**, then tap the **Personal**, **System**, and **Connections** tabs located at the bottom of the screen.

Personal tab

Icon	Description
	Buttons Assign a program or function to the hardware button.
	Input Set options for each of the input methods.
	Large Start Menu Enlarge the Start menu to make it easier to touch menu items with your fingers.
	Lock Set a password for your device.
	Menus Set what programs will appear in the Start menu.
	Owner Information Enter your personal information on your device.
	Phone Customize phone settings such as ring tone, and more.
	Sounds & Notifications Enable sounds for events, notifications, and more, and set the type of notification for different events.
	Today Customize the appearance and the information to be displayed on the Today screen.
	Voice Command Choose which functions you want to access by speaking out voice commands. See Chapter 13 for details.

System tab

Icon	Description
	About This is where you can see basic information such as the Windows Mobile version and type of processor used on your device. You can also specify a name for your device.
	Certificates See information about certificates that are installed on your device.
	Clear Storage Tap this icon only when you need to remove all your data and files from the memory and reset your device to factory default settings.
	Clock & Alarms Set the device clock to the date and time of your locale or to a visiting time zone when you're traveling. Alarms can also be set at specified days and times of a week.
	Customer Feedback Send feedback to the Customer Experience Improvement Program of Microsoft.
	Device Information See information about the firmware version, hardware, identity, and the duration of calls made on your device.
	Encryption Allow files on your storage card to be encrypted. Encrypted files will be readable only on your device.
	Error Reporting Enable or disable the device's error reporting function. When this function is enabled and a program error occurs, technical data about the state of the program and your computer will be logged in a text file and delivered to Microsoft's technical support if you choose to send it.
	External GPS Set the appropriate GPS communication ports, if required. You may need to do this when there are programs on your device that access GPS data or you have connected a GPS receiver to your device. See Help for details.
	Key Lock Lock the buttons on your device except for the POWER button when the device is in Sleep mode. This ensures you will not switch the device on by accident and consume unnecessary power.
	Keypad QuickTasks Enable or disable the QuickTasks screen when you open the front panel of the device.
	Long Press End Key Set the behavior of the END key when it is held down.
	Managed Programs Download and install applications that are deployed by the System Center Mobile Device Manager. Managed Programs also lets you view programs that were installed from the System Center Mobile Device Manager.
	Memory Check the device memory allocation status and memory card information. You can also stop currently running programs.
	Microphone AGC Adjust the volume of your voice automatically when you are recording.
	Power Check the remaining battery power. You can also set the timeout for turning off the display (switching device to Sleep mode) to conserve battery power.
	Regional Settings Set the regional configuration to use, including the format for displaying numbers, currency, date, and time on your device.
	Remove Programs Remove programs that you installed on your device.
	Screen Change the screen orientation, re-calibrate the screen, and change the screen text size.
	Task Manager Stop running programs and set the **Exit** button ( ) to end programs immediately when you tap the button. For more information, see "Using Task Manager" in Chapter 12.
	TouchFLO You can enable or mute the finger scrolling and panning sound. See "TouchFLO settings" in this chapter for details.
	Windows Update Update Windows Mobile® on your device with security patches or fixes, if they are available.

Connections tab

Icon	Description
	Beam Set your device to receive incoming Bluetooth signals.
	Bluetooth Turn Bluetooth on, set your device to visible mode, and scan for other Bluetooth devices.
	Comm Manager Manage your device's connections (including Bluetooth and ActiveSync), turn the phone on or off, switch to ringer/vibration mode, enable or disable the Direct Push function, and more.
	Connections Set up one or more types of modem connections for your device, such as phone dial-up, and more, so that your device can connect to the Internet or a private local network.
	Domain Enroll Enable the System Center Mobile Device Manager to manage your device by enrolling the device in your company's domain.
	Network Cards Configure the network adapter of the device.
	USB to PC Set the type of USB connection to your PC. Select the ActiveSync option for synchronizing data, or use Disk Drive mode for transferring files.

1.13 Using your Device as a USB Drive

To easily carry media and other files with you, you can use your device's storage card as a USB flash drive. Touch **Start** > **Settings** > **Connections** tab > **USB to PC** and then select **Disk Drive** mode. This allows you to copy files from your computer to the device's storage card and vice versa faster.

Note You need to have a storage card installed on your device to be able to use your device as a disk drive.

When **Disk Drive** mode is used:

- You will not be able to use your device to access files from the storage card or run applications that are installed on the storage card while the device is connected to your PC.
- Your PC will only connect to the device's storage card. When you access your device from the PC, you will only see the contents of the device's storage card.

Remember to change back to **ActiveSync** mode when you need to synchronize data between your device and your PC.

Chapter 2
Entering and Searching Information

2.1 Entering Information

2.2 Using the 20-key QWERTY Hardware Keyboard

2.3 Using the On-screen Keyboard

2.4 Using Touch Keyboard

2.5 Using Touch Keypad

2.6 Using Symbol Pad

2.7 Using Letter Recognizer

2.8 Using Block Recognizer

2.9 Using Transcriber

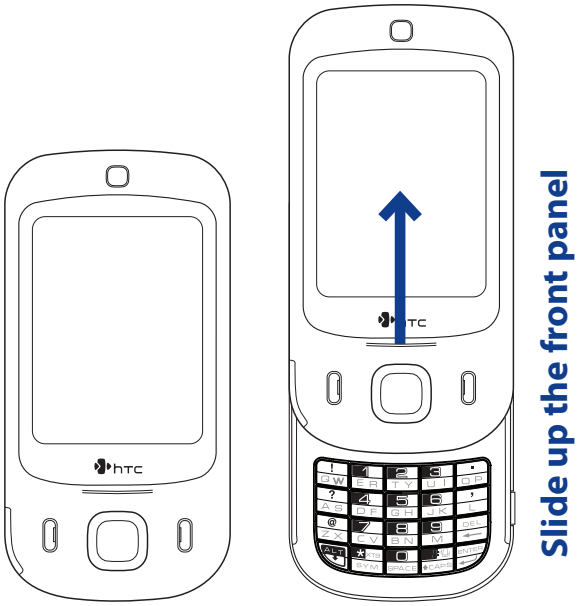
2.10 Searching Information

2.1 Entering Information

When you start a program or select a field that requires text or numbers, you can either use the 20-key QWERTY hardware keyboard or one of the onscreen input methods to enter information.

20-key QWERTY hardware keyboard

To reveal the 20-key QWERTY keyboard, slide up the front panel of the device.

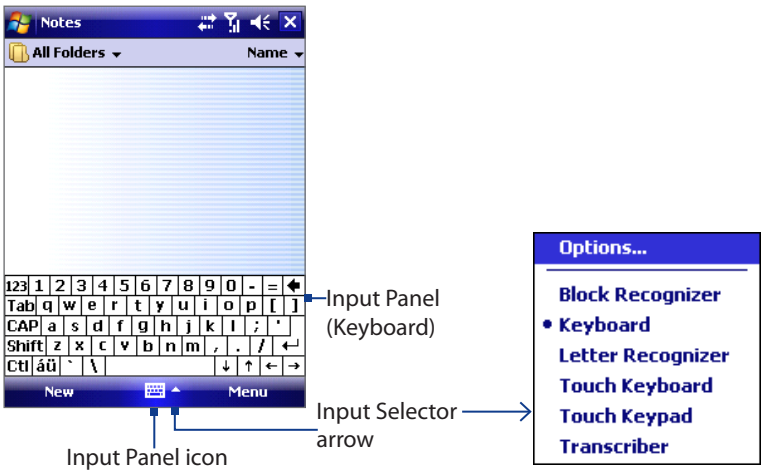


Tip When dialing phone numbers, use the 20-key QWERTY keyboard.

Onscreen input methods

When you start a program or select a field that requires text or numbers, the **Input Panel** icon becomes available on the menu bar.

Tap the **Input Selector** arrow (that appears next to the **Input Panel** icon) to open a menu where you can select a text input method and customize input options. After selecting a text input method, the corresponding **Input Panel** is then displayed and you can use it to enter text. To toggle between showing and hiding the Input Panel, simply tap the **Input Panel** icon.



Icon	Input method
	Onscreen Keyboard
	Touch Keyboard
	Touch Keypad
	Letter Recognizer or Block Recognizer
	Transcriber

Note Some text input methods may not be available in certain language versions of the device.

2.2 Using the 20-key QWERTY Hardware Keyboard

You can enter text, numbers, and symbols by using the 20-key QWERTY keyboard. When you select a field that requires entering text or numbers, the phone automatically selects the appropriate input mode.

To change the input method, press and hold and select the input method you want to use on the menu.

You can do the following with the 20-key QWERTY keyboard:

- To use all uppercase letters, press twice. To change back to all lowercase letters, press again.
- To use a single uppercase letter, press and then press the corresponding key.
- To enter a number or symbol (labeled in white color), press and then press the corresponding key.
- Press to open the Symbol pad.
- Press to insert a hard return. Press to delete the previous character.
- Press and hold to access your voicemail.
- Press and hold to toggle between Vibrate and Ringer modes.

Multipress mode

In Multipress mode, you enter a character by pressing the key on which the character appears.

To enter text in Multipress mode

- To enter the first character, press once. To enter the second character, press twice, and so on.
- To enter characters that are on the same key, wait for the highlight on the character to disappear before you press the key again.

XT9 mode

To form a word in XT9 mode, press the keys that contain the letters you want. As you enter letters, XT9 analyses your keypresses and attempts to complete the word. XT9 also tries to predict your next word based on previous sentences you have type.

To enter text in XT9 mode

1. Press and hold the key.
2. On the menu, select **XT9 English**.

To change XT9 settings, press and hold and on the menu, select **XT9 Settings**.

Tip To type in all uppercase letters, press the key twice.

While typing, words will appear at the bottom of the screen. Use the NAVIGATION CONTROL to choose the word you want to insert and press ENTER.

Numeric mode

Input numbers by changing the input method to Numeric mode.

To enter numbers

1. Press and hold the key and select **123** on the menu.
2. On the keyboard, enter the number(s) you want.

2.3 Using the On-screen Keyboard

The on-screen **Keyboard** is available when text entry is possible. You can enter text by tapping keys on the keyboard that are displayed on the screen.

To enter text using the on-screen Keyboard

1. In a program, tap the **Input Selector** arrow, and tap **Keyboard**.
2. Enter text by tapping keys on the on-screen Keyboard.

To enlarge the on-screen Keyboard

1. Tap the **Input Selector** arrow, then tap **Options**.
2. In the **Input method** list, select **Keyboard**.
3. Tap **Large keys**.

2.4 Using Touch Keyboard

The **Touch Keyboard** is an onscreen keyboard layout similar to the 20-key hardware keyboard of your device. With the enlarged keys and input enhancement, you can type faster and more accurately using the Touch Keyboard.

Outlook E-mail
ok
From: (Outlook E-mail)
To: "jamievogt" <jamie.vogt@msa.hinet.net>
Subject: Tele
Tele Telephone Television
qw er ty ui op
as df gh jk l
zx cv bn m
shift
XT9
Space
Sym
Send
Menu
Tap to enter letters or symbols. Tap and hold to immediately enter the symbol on top of the key.
Displays the word candidate list in XT9 mode. Tap to insert the word into the message. Tap the + symbol to add a word.
Tap to enter uppercase letters; Tap twice to caps lock.
Tap to delete the previous character.
Tap to create a new line.
Tap to cycle through the input methods: XT9, multitap, and numeric. The keyboard changes to a numeric keyboard when in numeric mode.
Tap to open the Symbol pad. See "Using Symbol Pad."

To use the Touch Keyboard

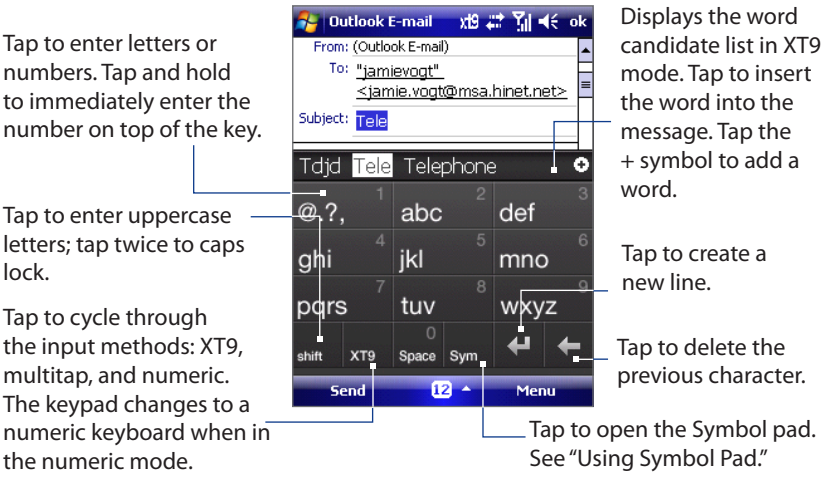
1. Start a program that accepts user input, such as Word Mobile.
2. Tap the **Input Selector** arrow, and tap **Touch Keyboard**.
3. Enter text by tapping keys on the onscreen Keyboard. The way you enter characters using the Touch Keyboard is similar to using the 20-key keyboard; please see "Using the 20-key Hardware Keyboard" earlier in this chapter for details.

To change Touch Keyboard and XT9 settings

1. Tap the **Input Selector** arrow, and tap **Options**.
2. In the **Input Method** tab, select **Touch Keyboard** in **Input method** and tap **Options**. You can change the keyboard layout by changing the **Language**.
3. Tap **XT9 Settings**. On the XT9 Settings screen, select the options you want and tap **Done**.

2.5 Using Touch Keypad

The **Touch Keypad** is an onscreen keypad layout similar to a 12-key keypad with some additional keys. With the enlarged keys and input enhancement, you can input text faster and more accurately using the Touch Keypad.


Tap to enter letters or numbers. Tap and hold to immediately enter the number on top of the key.
Tap to enter uppercase letters; tap twice to caps lock.
Tap to cycle through the input methods: XT9, multitap, and numeric. The keypad changes to a numeric keyboard when in the numeric mode.
Outlook E-mail
From: (Outlook E-mail)
To: "jamievogt" <jamie.vogt@msa.hinet.net>
Subject: Tele
Tdjd Tele Telephone
@.?, abc def
ghi jkl mno
pqrs tuv wxyz
shift XT9 Space Sym
Send Menu
Displays the word candidate list in XT9 mode. Tap to insert the word into the message. Tap the + symbol to add a word.
Tap to create a new line.
Tap to delete the previous character.
Tap to open the Symbol pad. See "Using Symbol Pad."

To use the Touch Keypad

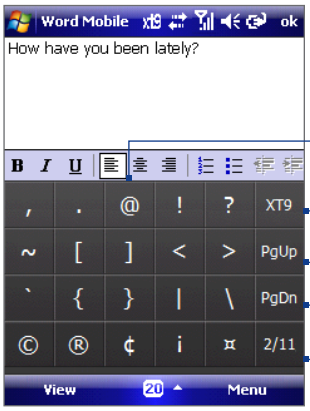
1. Start a program that accepts user input, such as Word Mobile.
2. Tap the **Input Selector** arrow, and tap **Touch Keypad**.
3. Enter text by tapping keys on the onscreen keypad. See "Multipress mode", "XT9 mode", and "Numeric mode" to learn how to enter characters.

To change Touch Keypad and XT9 settings

Refer to "To change Touch Keyboard and XT9 settings." Select **Touch Keypad** instead of **Touch Keyboard** in **Input method**.

2.6 Using Symbol Pad

Symbol Pad provides a comprehensive list of common symbols such as parentheses, braces, currency signs, and more, as well as punctuation marks and special characters. The Symbol pad is available for both **Touch Keyboard** and **Touch Keypad**.


Word Mobile
ok
How have you been lately?
XT9
PgUp
PgDn
2/11
View
Menu
Tap a symbol to insert it into the message.
Tap to close the Symbol Pad without selecting any symbol.
Tap to display the previous page of symbols.
Tap to display the next page of symbols.
Indicates the current page and the total number of symbol pages. Tap to go to the next page of symbols.

To open the Symbol Pad

While using Touch Keyboard or Touch Keypad, tap Sym.

To change Symbol Pad settings

1. Tap the **Input Selector** arrow, and tap **Options**.
2. In the **Input Method** tab, select **Touch Keyboard** in **Input method** and tap **Options**.
3. Select the **Turn on one-touch symbol entry** check box to select only one symbol at a time and immediately close the Symbol Pad after your selection. To be able to input several symbols at a time, clear this check box.

2.7 Using Letter Recognizer

With **Letter Recognizer**, you can write individual letters, numbers, and punctuation, which are then converted into typed text.

Note **Letter Recognizer** is available when text entry is possible.

To use Letter Recognizer

1. From a program, tap the **Input Selector** arrow, and tap **Letter Recognizer**.
2. Write characters, numbers, and symbols in the designated writing area.
   - Enter uppercase letters by writing in the **ABC** (left) area of the box.
   - Enter lowercase letters by writing in the **abc** (middle) area of the box.
   - Enter numbers by writing in the **123** (right) area of the box.
   - Enter punctuation and symbols by tapping in either area of the box and then writing the desired character.

Tip For help with writing characters, tap the question mark near the writing area.

2.8 Using Block Recognizer

With **Block Recognizer**, you use a single stroke to write letters, numbers, symbols, and punctuation, which are then converted into typed text.

Note **Block Recognizer** is available when text entry is possible.

To use Block Recognizer

1. From a program, tap the **Input Selector** arrow, and tap **Block Recognizer**.
2. Write characters, numbers, and symbols in the designated writing area.
   - Enter letters by writing in the **abc** (left) area of the box.
   - Enter numbers by writing in the **123** (right) area of the box.
   - Enter symbols and punctuation by tapping in either area of the box and then writing the desired character.

Tip For help with writing characters with **Block Recognizer**, tap the question mark near the writing area.

2.9 Using Transcriber

Transcriber is a handwriting recognition program that allows you to write in cursive, print, or a combination of both.

To write using Transcriber

1. Start a program that accepts user input, such as Word Mobile.
2. Tap the **Input Selector** arrow, and tap **Transcriber**. The Transcriber introductory screen appears.
3. Position the cursor where you want text to appear.
4. Use the stylus to write anywhere on the screen. The handwriting will be converted to text shortly after you lift the stylus from the screen.

To enter punctuation and symbols

Transcriber comes with an onscreen keyboard that provides an easy way to add punctuation or a special symbol to existing text. To use this onscreen keyboard, tap on the Transcriber toolbar.

The keyboard remains visible until you tap the button again.

Tips
- To reposition the keyboard, tap and hold the title bar, then drag to the desired location.
- When no text is selected, you can also open the keyboard by doing the gesture. For more information about using Transcriber gestures, see Help on your device.

To edit text

1. In a program, draw a line from left to right across the text you want to edit.
2. After you lift the stylus from the screen, the line will disappear and the selected text will be highlighted.
3. Do either of the following:
   - Rewrite the text.
   - Use gestures to capitalize letters, insert a space, and so on. For information about using Transcriber gestures, see Help on your device.

2.10 Searching Information

You can search for files and other items stored in My Documents folder or on an installed storage card of your device. You can search by file name or by words located in the item. For example, you can search in e-mail messages, notes, appointments, contacts, and tasks, as well as in online Help.

To search for a file or an item

1. Tap **Start** > **Programs** > **Search**.
2. In the **Search for** field, you can:
   - Enter the file name, word, or other information you want to search for.
   - Tap the down arrow icon ( ), and from the list, select one item that you have looked for before.
3. In the **Type** field, you can tap the down arrow icon ( ) and select a data type from the list to help narrow your search.
4. Tap **Search**. The system then starts searching the matched files in the **My Documents** folder and subfolders.
5. In the **Results** list, tap the item you want to open.

Note The storage card symbol (or) is displayed next to the names of files saved on a storage card.

Chapter 3
Using Phone Features

3.1 Using the Phone

3.2 Making a Call

3.3 Receiving a Call

3.4 Smart Dialing

3.5 Additional Dialing Information

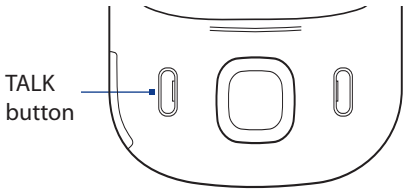
3.1 Using the Phone

Like a standard mobile phone, you can use your device to make, receive, and keep track of calls and send messages.

The Phone screen

From the Phone screen, you can access Call History, Speed Dial, and Phone settings. To open the Phone screen, do one of the following:

- Tap **Start > Programs > Phone**; or
- Press the TALK button.
- While on the Today screen, open the keyboard and then press a numeric key.



Turn the phone function on and off

In many countries, you are required by law to turn off the phone while on board an aircraft.

To enable or disable the phone function

1. Tap **Start > Settings > Connections** tab **> Comm Manager**.
2. On the Comm Manager screen, tap the **Phone** button to enable or disable the phone function. When enabled, the ON indicator is activated.

Airplane Mode

Another way to turn off the phone function is to switch your device to **Airplane Mode**.

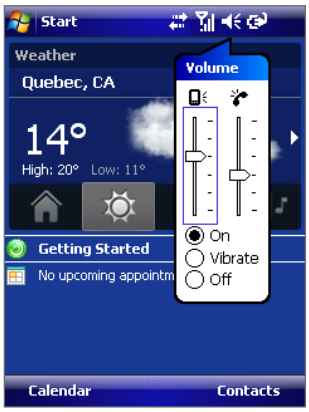
To enable or disable Airplane Mode

When you enable Airplane Mode, it turns off all wireless radios on your device, which include the phone function and Bluetooth. When you disable Airplane Mode, it turns the phone function back on. This also restores the previous state of Bluetooth.

1. Tap **Start > Settings > Connections** tab **> Comm Manager**.
2. On the Comm Manager screen, tap the **Airplane Mode** button to enable or disable Airplane Mode. When enabled, the ON indicator is activated.

Adjust the device volume

1. Tap the area in the title bar where the icons are to show the enlarged title bar. In the enlarged Title bar, tap the **Speaker** icon ( ) to activate it.
2. Under **Volume**, do the following:
   - Adjust the phone volume ( ) or device volume ( ) by moving the slider to the desired volume level.
   - Tap **On**, **Vibrate**, or **Off** to change both the system and ringer volume settings.



Notes

- To adjust the conversation phone volume, you must do it during a call. Adjusting the volume at another time will affect the ring, notification, and MP3 sound levels.
- When you activate Vibrate mode, sound will automatically be muted and your device will vibrate when an incoming call is received. The Vibrate icon ( ) will appear in the title bar to indicate that Vibrate mode is activated.
- You can also use the VOLUME BUTTONS on the left side of the device to adjust the device volume or the volume during a call.

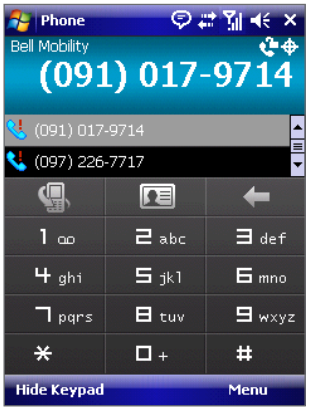
3.2 Making a Call

With your device, you can make a call from **Phone**, **Contacts**, **TouchFLO, Speed Dial**, and **Call History**.

Make a call from Phone

1. While on the Today screen, open the keyboard of the device.
2. Start pressing the numeric keys on the keyboard to enter the phone number.
3. Press the TALK button on your device to place the call.

Tip If you press a wrong number, press ← to erase each subsequent digit of a number. To erase the entire number, press and hold ← .



Make a call from Contacts

Tap **Contacts** on the Today screen or tap **Start > Contacts**, then do one of the following:

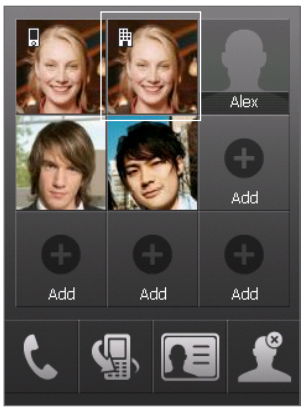
- Press NAVIGATION up or down to select a contact, and press TALK.
- Tap the desired contact in the contacts list, and tap the phone number that you want to call.
- Tap and hold the desired contact, and on the shortcut menu, tap **Call Work**, **Call Home**, or **Call Mobile**.

To choose one of the numbers of a contact to dial

By default, the mobile phone number (m) of a contact is dialed when you make a call from Contacts. However, you can specify that a different phone number is dialed instead.

1. Tap **Start > Contacts**.
2. Press NAVIGATION up or down to select the contact.
3. Press NAVIGATION left or right. The letters representing the number will change as you scroll through them.

Make a call from TouchFLO



To place a call to a favorite contact that you added to TouchFLO's Touch Cube, follow these steps:

1. Open the Touch Cube by sliding your finger upward, starting from the bottom of the touch screen where it shows a logo image. (See Chapter 1 for detailed instructions.)
2. Slide your finger left or right to rotate the cube and navigate to the screen where it shows your favorite contacts.
3. Touch the photo or name of the favorite contact to dial the phone number.

Tip Touch and hold the contact to open the contact's summary.

Make a call from Call History

1. On the Phone screen, tap the **Call History** button ( ) or tap **Menu > Call History**.
2. You can either finger-scroll through all calls in Call History, or tap **Menu > Filter** and select from a category of call types.
3. Finger-scroll to the desired contact or phone number, and tap **Call**.

One-touch Speed Dial

Use **Speed Dial** to call frequently-used numbers with a single tap. For example, if you assign a contact to the location **2** in Speed Dial, you can simply tap and hold the 2 abc key on the Phone screen to dial the contact's number.

To create a Speed Dial entry

Before you can create a Speed Dial entry, the number must already exist in Contacts.

1. On the Phone screen, tap **Menu > Speed Dial**.
2. Tap **Menu > New.**
3. Tap a contact. Select the phone number that you want to add to be assigned with a speed dial key.
4. In the **Location** box, select an available key to use as the speed dial key.

Note If you want to place a phone number in a position that is already occupied, the new number will replace the number that is already there.

Tip To delete a Speed Dial entry, in the **Speed Dial** list, tap and hold the desired entry, and tap **Delete**.

To call voicemail

The location **1** is generally reserved for your voicemail. Tap and hold the 1 key on the Phone screen to call voicemail.

3.3 Receiving a Call

When you receive a phone call, a message will appear, giving you the option to either answer or ignore the incoming call.

To answer or reject an incoming call

- To answer the call, tap **Answer**, or press TALK on the device.
- To reject the call, tap **Ignore**, or press END on the device.
- Open the keyboard.

Note For you to be able to answer calls by opening the keyboard, the **Slide keypad to answer call** check box must be selected. To check, tap **Start > Settings > Personal** tab **> Phone > Advanced** tab.

To reject a call and send a text message

When you reject a call, you can choose to automatically send a text message to the caller.

1. On the Phone screen, tap **Menu > Options > Advanced** tab.
2. Select the **Reject call with text message** check box. Change the default message if needed.

After enabling Reject call with text message, you can:

- Tap **Send Text** when you receive a call to reject the call and send a text message to the caller.
- Tap **Silence** when you receive a call to mute the ringing sound without rejecting the call.

Note When the **Reject call with text message** option is selected, you need to press the TALK button on the device to answer calls.

To end a call

Once an incoming or outgoing call is in progress, you can tap **End** or press END on the device to hang up.

To add a new phone number to your Contacts list after a call

If the number of the person who called is not in your Contacts list, you can choose to save the number after you hang up. To enable this feature, tap **Start > Settings > Personal** tab **> Phone > Advanced** tab and select the **Add new phone number to Contacts at end of call** check box. Selecting the checkbox will pop up a message after a phone call ends to let you add the number to your Contacts list.

To check a missed call

You will see the icon on top of the screen when you missed a call. To check who the caller is:

- Tap the icon, then tap **View**.
- On the Phone screen, tap the **Call History** button ( ). You can view missed calls as well as incoming and outgoing calls in Call History.

To put a call on hold

Your device notifies you when you have another incoming call, and gives you the choice of rejecting or accepting the call. If you are already on a call and accept the new call, you can choose to switch between the two callers, or set up a conference call between all three parties.

1. Tap **Answer** to take the second call, and put the first one on hold.
2. To end the second call and return to the first call, tap **End** or press END on the device.

To switch between two calls

Tap **Swap**.

To set up a conference call

1. Either put a call on hold, and dial a second number; or, accept a second incoming call when you already have one in progress.
2. Tap **Menu > Conference**.

Note Not all service providers support conference calling. Contact your service provider for details.

To turn on and off the Speakerphone

The built-in Speakerphone on your device allows you to talk hands-free or lets other people listen to the conversation.

- During a call, tap **Speaker On**, or press and hold TALK until the speakerphone turns on. The speakerphone icon ( ) appears in the title bar.
- To turn off the speakerphone, tap **Speaker Off**, or press and hold TALK again until the speakerphone turns off.

Warning! To avoid damage to your hearing, do not hold your device against your ear when the Speakerphone is turned on.

To mute a call

You can turn off the microphone during a call, so that you can hear the caller but the caller cannot hear you.

- During a call, tap **Mute**.
- When the microphone is turned off, the mute icon ( ) appears on the screen. Tap **Unmute** to turn on the microphone again.

3.4 Smart Dialing

Smart Dialing makes it easy for you to dial a phone number.

When you start entering a phone number or contact name, Smart Dialing will automatically search and sort the contact entries in Contacts and the phone numbers in Call History (including incoming, outgoing, and missed calls). You can then select the desired number or contact from the filtered list to dial.

Tips on using Smart Dialing

Smart Dialing starts looking for numbers or contacts that match the sequence you have entered. Below are some tips on how to use Smart Dialing to quickly find a desired phone number or contact.

To find a phone number

- Simply enter the first one or two digits to find a phone number in Call History.
- Enter the first three digits or more if you want to find a phone number from the saved contacts on your device.

To find a contact name

You can just enter the first letter of a contact's first name or surname. Smart Dialing will search for the letter starting from the first character of a contact name as well as from the character that appears after a space, dash, or underscore in a contact name. For example, if you tap number "2" which is associated with [a, b, c] on the Phone keypad, contact names such as the following will be considered matches: "**B**en Miller", "George **A**dams", "John-**C**arter", "**C**arter, Ellen", "Dixon, **A**llan", "Thomas_**C**lark", "Jane**C**ampbell".

If the matching list is long and you want to narrow down the search further, enter another letter. Using the same example above, if you continue to tap "3" which is associated with [d, e, f], the matching list will be narrowed down to the following names: "**Be**n Miller", "George **Ad**ams", "**C**arter, **E**llen", "**D**ixon, **A**llan".

Tip You can also use the hardware keyboard to enter the name or number of the contact. Please note that the letters assigned to numeric keys on the hardware keyboard is different from the onscreen keypad.

Make a call or send a text message using Smart Dialing

1. Press the TALK button on your device to open the Phone screen.
2. Begin entering the first few numbers or characters.

   When you start entering a number or letter, the Smart Dialing panel will display matches found.
3. In the Smart Dialing panel, browse the list by sliding your finger or the stylus up or down or by pressing NAVIGATION up or down.
4. You can do one of the following:
   - When the desired contact is selected, press the TALK button to place a call.
   - To send a text message to the selected contact, tap and hold the contact, and tap **Send Text Message**, or tap **Menu > Send Text Message**.
   - To call a different phone number associated with the selected contact, tap and hold the selected contact, and tap the phone number you want to call.

Tip To view or edit information associated with the selected contact, tap the contact's name on the shortcut menu (applies only to entries stored in Contacts on your device).

3.5 Additional Dialing Information

Make an emergency call

Enter the international emergency number for your locale, and press the TALK button on your device.

Tip Additional emergency numbers may be included in your SIM card. Contact your service provider for details.

Make an international call

1. Press and hold on the hardware keyboard (or tap and hold the **number 0** key on the phone screen) until the **+** sign appears.
   The **+** replaces the international prefix of the country that you are calling.
2. Enter the full phone number you want to dial and press the TALK button on your device. The full phone number includes country code, area code (without the leading zero, if any) and phone number.

Chapter 4
Setting Up Your Device

4.1 Basic Settings

4.2 Personalizing the Today Screen

4.3 Customizing Phone Services

4.4 Protecting Your Device

4.1 Basic Settings

Time and date

To set the time and date

1. Tap **Start** > **Settings** > **System** tab > **Clock & Alarms** > **Time** tab.
2. Select the correct time zone and change the date or time.

Note During synchronization, the time on your device is updated with the time on your PC.

To set the time and date for a different location

If you visit or communicate with someone in a particular time zone often, you can select it as your visiting time zone.

1. Tap **Start** > **Settings** > **System** tab > **Clock & Alarms** > **Time** tab.
2. Tap **Visiting**.
3. Select the correct time zone and change the time or date.

Regional settings

The style in which numbers, currency, dates, and times are displayed is specified in regional settings.

1. Tap **Start** > **Settings** > **System** tab > **Regional Settings**.
2. On the **Region** tab, select your region from the list.

   Note This does not change the Operating System language of your device.
3. The region you select determines which options will be available on the other tabs.
4. To customize settings further, tap the appropriate tabs and select the desired options.

Display settings

To adjust screen brightness

On the Today screen, tap the **Launcher** tab of HTC Home, and then tap the **Backlight Adjust** icon ( ) to toggle among the brightness levels.

To set the backlight to dim after a time delay

1. Tap **Start** > **Settings** > **System** tab > **Power** > **Advanced** tab.
2. Under **On external power** select the Turn off backlight if device is not used for check box, and specify the time delay.

To increase or decrease the size of text on the screen

1. Tap **Start** > **Settings** > **System** tab > **Screen** > **Text Size** tab.
2. Move the slider to increase or decrease the text size.

Device name

The device name is used to identify your device in the following situations:

- Synchronizing with a PC
- Connecting to a network
- Restoring information from a backup

Note If you synchronize multiple devices with the same PC, each device must have a unique name.

To change the device name

1. Tap **Start** > **Settings** > **System** tab > **About**.
2. Tap the **Device ID** tab.
3. Enter a name.

Note The device name must begin with a letter, consist of letters from **A** to **Z**, numbers from **0** to **9**, and cannot contain spaces. Use the underscore character to separate words.

Ringer settings

To change the ring type and ring tone

1. On the Phone screen, tap **Menu** > **Options** > **Phone** tab.
2. In the **Ring type** list, choose whether to be notified of incoming calls by a ring, a vibration, or a combination of both.
3. In the **Ring tone** list, tap the sound you want to use.

Tip You can use ***.wav**, ***.mid**, ***.mp3**, ***.wma**, or other types of sound files that you downloaded from the Internet or copied from your PC as ring tones. For a complete list of supported audio file formats for ring tones, see "Specifications" in the Appendix.

To use your sound files as ring tones, copy them first to the **/My Documents/My Ringtones** folder on your device, then select the sound from the **Ring tone** list of your device. For more information about copying files, see Chapter 9.

Alarms and notifications

To set an alarm

1. Tap **Start** > **Settings** > **System** tab > **Clock & Alarms** > **Alarms** tab.
2. Tap **<Description>** and enter a name for the alarm.
3. Tap the day of the week for the alarm. You can select multiple days by tapping each desired day.
4. Tap the time to open a clock and set the time for the alarm.
5. Tap the alarm icon ( ) to specify the type of alarm you want. You can choose a flashing light, a single sound, a repeating sound, or vibration.
6. If you choose to play a sound, tap the list next to the **Play sound** check box and tap the sound you want.

To choose how to be notified about events or actions

1. Tap **Start > Settings > Personal** tab **> Sounds & Notifications**.
2. On the **Sounds** tab, choose how you want to be notified by selecting the appropriate check boxes.
3. On the **Notifications** tab, in **Event**, tap an event name and choose how you want to be notified by selecting the appropriate check boxes. You can choose from several options, such as a special sound, a message, or a flashing light.

Tip Turning off sounds and the flashing light helps conserve battery power.

4.2 Personalizing the Today Screen

The Today screen shows your upcoming appointments, active tasks, and information about incoming messages. You can customize what to display on the Today screen.

To customize the Today screen

1. Tap **Start > Settings > Personal** tab **> Today**.
2. On the **Appearance** tab, select the desired theme for the background of the Today screen.
3. On the **Items** tab, select the items you want to appear on the Today screen.

To use a custom background image

You can use one of your own pictures as the background image on the Today screen.

1. Tap **Start > Settings > Personal** tab **> Today**.
2. Select the **Use this picture as the background** check box, and tap **Browse** to view a list of your picture files.
3. Tap the file name of the picture you want to use.
4. Tap **OK**.

To display owner information

Having owner information displayed on the Today screen makes it easier for someone to return your device to you if it is lost.

1. Tap **Start > Settings > Personal** tab **> Owner Information**.
2. Enter your personal information.

Tips
- If you don't see owner information on the Today screen, tap Start > Settings > Personal tab > Today. On the Items tab, select the Owner Info check box.
- You can set your device to display the 'my info' screen when your device is turned on. This screen shows your complete personal information. To display the 'my info' screen, tap **Start > Settings > Personal** tab **> Owner Information > Options** tab then select the **Identification information** check box.

To set options for displaying appointments on the Today screen

If you have a large number of appointments, you may want to specify the kind of appointments that are displayed on the Today screen.

1. Tap **Start > Settings > Personal** tab **> Today**.
2. Tap the **Items** tab.
3. Select **Calendar** and tap **Options**.

4. Do any of the following:
   - Select **Next appointment** to show only the next appointment in your schedule, or **Upcoming appointments** to show multiple appointments.
   - Clear the **Display all day events** check box if you do not want to display all-day events.

For more information about using Calendar, see Chapter 6 and 8.

To set options for displaying tasks on the Today screen

If you have a large number of tasks, you may want to specify the kind of tasks that are displayed on the Today screen.

1. Tap **Start** > **Settings** > **Personal** tab > **Today**.
2. Tap the **Items** tab.
3. Select **Tasks** and tap **Options**.
4. Do any of the following:
   - Under **Display number of**, select the type of tasks you want to appear on the Today screen.
   - In the **Category** list, select whether to display only tasks assigned to a specific category or to display all tasks.

For more information about creating tasks on your device, see Chapter 6.

Customize the Start menu

To customize the Start Menu

You can choose which items appear in the **Start** menu.

1. Tap **Start** > **Settings** > **Personal** tab > **Menus**.
2. Select the check boxes of the items you want to appear in the **Start** menu. You can select up to seven items.

Tip You can also create folders and shortcuts to appear on the Start menu. Using Windows Explorer on your PC, navigate to the **/Windows/Start Menu** folder of your device, then create the folders and shortcuts that you want. You will see the added items on your device after you synchronize. For information about synchronizing your device with the computer, see Chapter 5.

To change the Start Menu display size

The Large Start Menu feature enlarges the Start menu to make it easier to touch menu items with your fingers. When the Large Start Menu is enabled, recently accessed programs are displayed as icons at the top of the Start menu.

1. Tap **Start** > **Settings** > **Personal** tab > **Large Start Menu**.
2. Select the **Enable large Start menu** check box to enlarge the Start menu or clear the check box to resume the normal display of the Start menu.

The End Key and the Quick List

Use the Long Press End Key setting to set the behavior of the END Key when it is held down.

1. Tap **Start** > **Settings** > **System** tab > **Long Press End Key**.
2. Do one of the following:
   - Select the **Always display the Quick List** option to display the Quick List screen when you hold down the END Key.; or
   - Select the **Automatically execute the selected action** option and then select which function will be executed automatically when you hold down the END Key. The functions available for selection are the same as the ones in the Quick List.

4.3 Customizing Phone Services

To access phone settings and services

- Tap **Start** > **Programs** > **Phone**, then tap **Menu** > **Options** on the Phone screen; or
- Tap **Start** > **Settings** > **Phone**.

To enable optional phone services

Optional phone services can be easily activated and used on your device if provided by your wireless service provider. Some of these services may not be available on your device. Contact your service provider first to ask about the availability of these services.

1. Tap **Start** > **Settings** > **Personal** tab > **Phone** > **Services** tab.
2. Select the service you want to use, then tap **Get Settings**.
3. Select desired options for the service, then tap **OK**.

The following are some of the optional phone services that you may find on your device. For more information about how to customize the settings of each service, see Help on your device.

Phone Services	Usage
Location Setting	Allow the mobile phone network to detect your current location via your device's built-in GPS chip. This is especially useful in times of emergency. On the upper right of the Phone screen, one of these icons will be shown: **ON** (your location can be detected) **OFF** (your location cannot be detected except by 911)
Network Service	Choose whether to restrict your device to phone calls from your home network only.
TTY Mode	Allow the use of a TTY (teletypewriter) device with the PDA phone for users who are visually or hearing impaired.
Time Synchronization	Choose whether or not to synchronize the time on your device with the mobile network.

Tip For more information about how to customize the settings of optional phone services, see Help on your device.

4.4 Protecting Your Device

Protect your device with a password

You can help keep your data more secure by requiring a password every time the device is turned on.

To set a device password

1. Tap **Start** > **Settings** > **Personal** tab > **Lock**.
2. Select the **Prompt if device unused for** check box, and in the box to the right, select how long your device must be idle before a password is required.
3. In the **Password type** box, select the type of password you would like to use. If your device is configured to connect to a network, use an alphanumeric password for increased security for your device.
4. Enter the password in both the **Password** and **Confirm** boxes.
5. Tap **OK**. The next time the device is turned on, you will be prompted to enter your password.

Notes
- To ensure you can always make emergency calls, do not begin your password with the digits of your local emergency number.
- If you entered a hint, the hint will be displayed after the wrong password is entered five times.
- Each time a wrong password is entered, the device response time gets longer until the device appears to be not responding.
- If you forget your password, you can hard reset or clear the device memory. Before you do this, make sure you back up your data and files so that you can restore them back to your device. For more information about hard resetting the device and clearing the memory, see Chapter 12.

Encrypt files on your storage card

You can set your device to encrypt files as they are saved on the storage card.

1. Tap **Start > Settings > System** tab **> Encryption**.
2. Select **Encrypt files placed on storage cards**.

Notes
- Encrypted files can be read only on the device that encrypted them.
- Encrypted files are opened just like other files, provided you are using the device that encrypted them. There is no separate step for you to take to read these files.

Chapter 5
Synchronizing Information With Your Computer

5.1 About Synchronization

5.2 Setting Up Windows Mobile® Device Center on Windows Vista®

5.3 Setting Up ActiveSync® on Windows XP®

5.4 Synchronizing With Your Computer

5.5 Synchronizing via Bluetooth

5.6 Synchronizing Music and Video

5.1 About Synchronization

You can take information from your computer wherever you go by synchronizing it to your device. The following types of information can be synchronized between your computer and your device:

- **Microsoft Outlook®** information, which includes Outlook e-mail, contacts, calendar, tasks, and notes
- **Media**, such as pictures, music and video
- **Favorites**, which are the bookmarked links to your favorite Web sites
- **Files**, such as documents and other files

Before you can synchronize, you will first need to install and set up the synchronization software on your computer. For more information, see "Setting Up Windows Mobile Device Center on Windows Vista®" and "Setting Up ActiveSync® on Windows XP®".

Ways to synchronize

After you have installed the synchronization software to your computer, connect and synchronize your device with your computer by using one of the following methods:

- Connect and synchronize using the supplied USB sync cable.
  Upon connecting the sync cable to your device and your computer, the synchronization process starts automatically.
- Connect and synchronize using Bluetooth.
  You must first set up a Bluetooth partnership between your device and your computer before you can synchronize information between them using Bluetooth. For more information about setting up a Bluetooth partnership, see Chapter 10. For information about synchronizing through Bluetooth, see "Synchronizing via Bluetooth" later in this chapter.

Try to synchronize frequently in order to keep information up-to-date in both your device and your computer.

Note You can also synchronize Outlook e-mail, contacts, calendar, and tasks on your device with the Exchange Server at work. For more information about setting up your device to synchronize with your Exchange Server, see Chapter 8.

5.2 Setting Up Windows Mobile® Device Center on Windows Vista®

Microsoft Windows Mobile® Device Center is the replacement for Microsoft® ActiveSync® on Windows Vista®.

Note Some versions of Windows Vista come with Windows Mobile Device Center already installed. If Windows Mobile Device Center is not available on your Windows Vista, you can install it from the Getting Started Disc that came with your device.

Set up synchronization in Windows Mobile Device Center

When you connect your device to your PC and start Windows Mobile Device Center for the first time, you are asked to create a Windows Mobile partnership with your device. Follow the steps below to create a partnership.

1. Connect your device to your PC. Windows Mobile Device Center configures itself and then opens.
2. On the license agreement screen, click **Accept**.
3. On the Windows Mobile Device Center's Home screen, click **Set up your device**.

Windows Mobile Device Center
Home
Windows Mobile
Set up your device
Get Outlook contacts, calendar, e-mail and other information on your device.
Connect without setting up your device
Connected

Note Choose **Connect without setting up your device** if you only want to transfer media files, check for updates, and explore your device but not sync Outlook information.

4. Select the items you want to synchronize, then click **Next**.
5. Enter a device name and click **Set Up**.

When you finish the setup wizard, Windows Mobile Device Center synchronizes your device automatically. Notice that Outlook e-mails and other information will appear on your device after synchronization.

Use Windows Mobile Device Center

To open Windows Mobile Device Center, click **Start > All Programs > Windows Mobile Device Center** on your Windows Vista computer.

On Windows Mobile Device Center, you can do the following:

- Click **Mobile Device Settings** to change synchronization settings.
- When you click **Pictures, Music and Video > ___ new pictures/video clips are available for import**, a wizard guides you to tag and transfer photos from your device to the Photo Gallery on your Windows Vista PC.
- Click **Pictures, Music and Video > Add media to your device from Windows Media Player** to synchronize music and video files using Windows Media™ Player. For more information, see "Windows Media® Player Mobile" in Chapter 11.
- Click **File Management > Browse the contents of your device** to view documents and files from your device.

Note See Windows Mobile Device Center Help for more information.

5.3 Setting Up ActiveSync® on Windows XP®

The Getting Started Disc that comes with your device contains Microsoft ActiveSync 4.5 or later. Follow the steps in this section to install and set up ActiveSync on Windows XP or other compatible Windows systems.

Note For a list of compatible Windows systems, please go to http://www.microsoft.com/windowsmobile/activesync/activesync45.mspx.

Install ActiveSync

1. Insert the Getting Started Disc into the disc drive on your PC.
2. Click **Setup and Installation**.
3. Select the **ActiveSync** check box and click **Install**.
4. Read the license terms and click **Accept**.
5. When installation is complete, click **Done**.
6. On the Getting Started with Windows Mobile screen, click **Close**.

Set up synchronization in ActiveSync

Follow the steps below to set up a synchronization partnership.

1. Connect your device to your PC. The Synchronization Setup Wizard automatically starts and guides you to create a synchronization partnership. Click **Next** to proceed.
2. To synchronize your device with your PC, clear the **Synchronize directly with a server running Microsoft Exchange** check box then click **Next**.
3. Select the information types that you want to synchronize then click **Next**.
4. Select or clear the **Allow wireless data connections** check box according to your preference.
5. Click **Finish**.

When you finish the wizard, ActiveSync synchronizes your device automatically. Notice that Outlook e-mails and other information will appear on your device after synchronization.

5.4 Synchronizing With Your Computer

Connect and synchronize your device with your PC using the USB cable or Bluetooth connection.

Start and stop synchronization

You can manually synchronize either from your device or PC.

From your device

Tap **Start > Programs > ActiveSync**., then tap **Sync**.

To end synchronization before it completes, tap **Stop**.

Tip To delete a partnership with one PC completely, disconnect your device from that PC first. In ActiveSync on your device, tap **Menu > Options**, tap the computer name, then tap **Delete**.

From Windows Mobile Device Center

1. Click **Start > All Programs > Windows Mobile Device Center**.
2. Click at the lower left of the Windows Mobile Device Center.

   To end synchronization before it completes, click .

From ActiveSync on your PC

When you connect your device to your PC, ActiveSync automatically opens on your PC and synchronizes.

- To manually start synchronization, click .
- To end synchronization before it completes, click .

Change which information is synchronized

You can change the information types and the amount of information to synchronize for each type either on your device or your PC. Follow the steps below to change synchronization settings on your device.

Note Before changing synchronization settings on your device, disconnect it from your PC.

1. In ActiveSync on your device, tap **Menu > Options**.
2. Select the check box for any items you want to synchronize. If you cannot select a check box, you might have to clear the check box for the same information type elsewhere in the list.
3. To change synchronization settings for an information type, for instance, **E-mail**, select it and tap **Settings**.

   You can then set the download size limit, specify the time period of information to download, and more.

Notes

- Some information types such as Favorites, Files and Media cannot be selected in ActiveSync Options on your device. You can only select or clear these items from your PC's Windows Mobile Device Center or ActiveSync.
- A PC can have sync partnerships with many different Windows Mobile powered devices, but a device can have sync partnerships with at most two PCs only. To ensure that your device will synchronize properly with both PCs, set up the second PC using the same synchronization settings you used on the first PC.
- Outlook e-mail can be synchronized with only one computer.

Troubleshoot sync connection problem

When the PC is connected to the Internet or a local network, in some cases, the PC may disconnect the connection with your device in favor of the Internet or network connection.

If this happens, tap **Start > Settings > Connections** tab **> USB to PC**, then clear the **Enable advanced network functionality** check box. This makes your PC utilize a serial USB connection with your device.

The **USB to PC** ( ) icon appears on the Today Screen when serial USB connection is used.

5.5 Synchronizing via Bluetooth

You can connect and synchronize your device with the PC using Bluetooth.

To synchronize with a computer via Bluetooth

1. Set up Windows Mobile Device Center or ActiveSync on your PC to synchronize through Bluetooth. See the program's Help for instructions.
2. On your device, tap **Start > Programs > ActiveSync**.
3. Make sure that Bluetooth on both your device and the computer are turned on and set to visible mode. For more information, see "Bluetooth" in Chapter 10.
4. Tap **Menu > Connect via Bluetooth**. Make sure the Bluetooth function of both your device and the computer are turned on and set to visible mode.
5. If this is the first time you have connected to this computer via Bluetooth, you must first complete the Bluetooth wizard on your device and set up a Bluetooth partnership between your device and the computer. For more information about creating a Bluetooth partnership, see "Bluetooth partnerships" in Chapter 10.

Notes

- To preserve battery power, turn off Bluetooth when not in use.
- To connect and synchronize your device with a computer via Bluetooth, your computer must have built-in Bluetooth or installed with a Bluetooth adapter or dongle.

5.6 Synchronizing Music and Video

If you want to carry your music or other digital media along with you while you travel, set up Microsoft® Windows Media® Player on your computer to synchronize music and video with your device.

Other than selecting the **Media** information type to be synchronized, all media synchronization settings must be set in Windows Media Player. Before media can be synchronized, you must do the following:

- Install Windows Media Player Version 11 on the PC. (Windows Media Player 11 works only in Windows XP or later versions).
- Connect your device to the PC with a USB cable. If your device is currently connected using Bluetooth, you must end that connection before media can be synchronized.
- Set up a sync partnership between your device and your PC's Windows Media® Player.

For more information about using Windows Media® Player Mobile, see Chapter 11.

Chapter 6

Organizing Contacts, Appointments, Tasks, and Other Information

6.1 Contacts

6.2 Calendar

6.3 Tasks

6.4 Notes

6.5 Voice Recorder

6.1 Contacts

Contacts is your address book and information storage for the people and businesses you communicate with. Store phone numbers, e-mail addresses, home addresses, and any other information that relates to a contact, such as a birthday or an anniversary date. You can also add a picture or assign a ring tone to a contact.

From the contact list, you can quickly communicate with people. Tap a contact in the list for a summary of contact information. From there, you can call or send a message.

There are two types of contacts that you can create on your device:

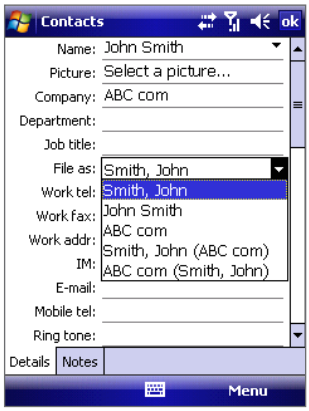
- **Outlook contacts**. Contacts that are stored on your device, which can be created on your device or synchronized with your PC or the Exchange Server.
- **Windows Live contacts**. Contacts that you communicate with using Windows Live Messenger or MSN. Just like Outlook contacts, you can also enter complete information for a Windows Live contact. For more information, see "Add Windows Live contacts" in Chapter 10.

Tip If you use Outlook on your PC, you can synchronize contacts between your device and PC.

Note You can only add Windows Live contacts after you have set up Windows Live on your device.

Add new contacts

To add a contact on your device



1. Tap **Start** > **Contacts**.
2. Tap **New**, then enter the contact information.
3. In the **File as** field, choose how you want the contact name to appear in the contact list.
4. To add a photo of the contact, tap **Select a picture**, then select the picture file or tap **Camera** to take a photo of the contact. This photo appears on the Phone screen when you receive a call from the contact.
5. To assign a ring tone to the contact, tap the **Ring tone** field, scroll through the list of tones, then select a desired tone.
6. When finished, tap **OK**.

Notes

- If someone who is not in your list of contacts calls you, you can create a contact from Call History by tapping and holding a phone number and then tapping **Save to Contacts** from the shortcut menu.
- To save a phone number that is contained in a message, tap the phone number, then tap **Menu** > **Save to Contacts.**
- To edit contact information, tap the contact name then tap **Menu** > **Edit**.

View, organize and search

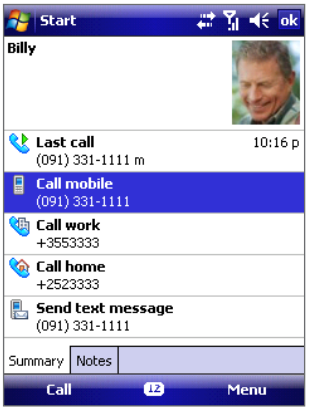
To view contact information

1. Tap **Start** > **Contacts**.
2. Slide your finger upward on the touch screen to scroll down the contact list.

   To scroll up the contact list, slide your finger downward on the touch screen.

Note For detailed instructions on how to use finger scrolling, see "Finger scrolling and finger panning" in Chapter 1.

3. Touch the name of a contact to open his or her contact card.
4. On the contact card, you will see the last outgoing or incoming call as well as detailed information such as phone numbers of the contact, e-mail address, and more.



To group similar contacts

You can group similar contacts for easier management by assigning them to categories.

1. Create a new Outlook contact or edit an existing Outlook contact.
2. Tap **Categories**.
3. Select a preset category such as Business or Personal, or tap **New** to create your own category.
4. When finished, tap **OK**.

To view contacts by category

Tap **Menu > Filter** then select the desired category.

To find a contact on your device

There are several ways to find a contact when your contact list is long.

1. Tap **Start > Contacts**.
2. Do one of the following:
   - On the Quick Scroll bar on the right of the screen (black vertical bar), scroll to or touch a letter to go directly to the part of the Contacts list where contact names start with that letter.

     Note You can disable the Quick Scroll bar by tapping **Menu > Options** and selecting the **Show alphabetical index** check box. This will shidow the alphabetical index on top of the Contacts list. Begin entering a contact name in the provided text box until the contact you want is displayed.
   - Filter the list by categories. In the contact list, tap **Menu > Filter**, then tap a category you've assigned to a contact. To show all contacts again, select **All Contacts**.

Share contact information

To send a contact's details

You can quickly send contact information to another mobile phone or device through Bluetooth.

1. Tap **Start > Contacts**, then select a contact.
2. Tap **Menu > Send Contact > Beam** then select a device to send the contact to.

Note Before you can send, make sure Bluetooth is turned on and set to visible mode on your device and the target mobile device. You can also send contact information to your PC. See "Bluetooth" in Chapter 10 for details.

6.2 Calendar

Use **Calendar** to schedule appointments, including meetings and other events. Your appointments for the day can be displayed on the Today screen. If you use Outlook on your PC, you can synchronize appointments between your device and PC. You can also set Calendar to remind you of appointments with a sound or flashing light, for example.

You can look at your appointments in several different views (Day, Week, Month, Year, and Agenda). To see detailed appointment information in any view, tap the appointment.

Create appointments

To schedule an appointment

1. Tap **Start > Calendar**.
2. Tap **Menu > New Appointment**.
3. Enter a name for the appointment.
4. Do one of the following:
   - If it is a special occasion such as a birthday or a daylong event, set the **All Day** option to **Yes**.
   - If there is a time frame for the appointment, select the start and end dates and time.
5. Specify the type of category for your appointment, so that it can be grouped with other related appointments. Tap **Categories**, then select a preset category (Business, Holiday, Personal, or Seasonal), or tap **New** to create your own category.
6. When finished, tap **OK** to return to the calendar.

Notes
- All-day events do not occupy blocks of time in Calendar; instead, they appear in banners at the top of the calendar.
- To cancel an appointment, tap **Menu > Delete Appointment**.

Tip To have the time entered automatically in Day view, tap the time slot for the new appointment, and tap **Menu > New Appointment.**

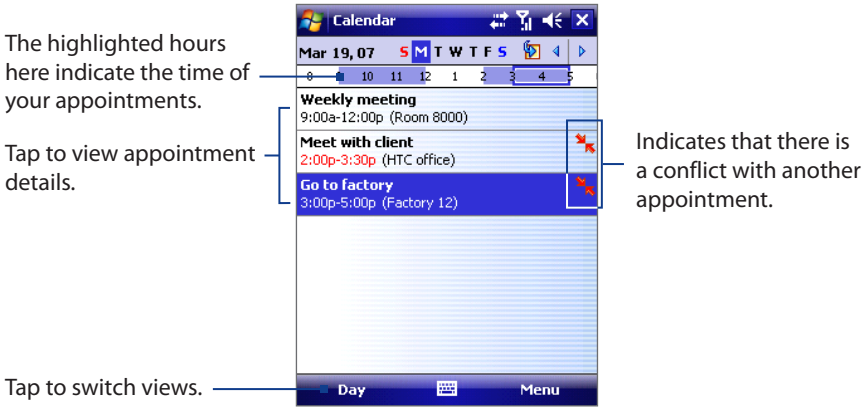
To set a default reminder for all new appointments

You can have a reminder automatically turned on for all new appointments you schedule.

1. Tap **Start > Calendar**.
2. Tap **Menu > Tools > Options > Appointments** tab.
3. Select the **Set reminders for new items** check box.
4. Set the time when you want the reminder to alert you.
5. Tap **OK** to return to the calendar.

View appointments

By default, Calendar displays appointments in **Agenda** view. You can also look at your appointments in **Day**, **Week**, **Month**, and **Year** views.



Agenda view

- To see detailed appointment information in any view, tap the appointment.
- To view appointments by category, tap **Menu > Filter** then select the desired category.
- To change the default view that Calendar uses to display appointments, tap **Menu > Tools > Options > General** tab. Tap the **Start in** box then choose the calendar view.
- When in Month view, you will see the following indicators:

Morning appointment	Afternoon or evening appointment
All-day event	Both morning and afternoon/evening appointments

Send appointments

To send a meeting request

Use Calendar to schedule meetings via e-mail with contacts who use Outlook or Outlook Mobile.

1. Tap **Start > Calendar**.
2. Schedule a new appointment, or open an existing one and tap **Menu> Edit**.
3. Tap **Attendees**, then tap **Add Required Attendee** or **Add Optional Attendee** and add the contacts whom you want to invite.

   You can specify if an attendee is required or optional only if your device is connected to a Microsoft Exchange 2007 server. Otherwise, all attendees are designated as required. For more information, see Chapter 8.
4. When you have finished adding attendees, tap **Done**.
5. Tap **OK** to send.

Tip To choose the e-mail account to use for sending meeting requests, tap **Menu > Tools > Options > Appointments** tab. Tap the **Send meeting requests via** box and choose to send via your Outlook E-mail, POP3/IMAP4 or Windows Live account.

Notes

- If you're sending the meeting request using your Outlook E-mail account, it will be sent to the attendees the next time you synchronize your device with your PC or Exchange Server.
- When attendees accept your meeting request, the meeting is automatically added to their schedules. When their response is sent back to you, your calendar is updated as well.

6.3 Tasks

Use **Tasks** to keep track of things you need to do. A task can occur once or repeatedly (recurring). You can set reminders for your tasks and you can organize them using categories.

Your tasks are displayed in a task list. Overdue tasks are displayed in red.

To create a task

1. Tap **Start > Programs > Tasks**.
2. Tap **Menu > New Task**, enter a subject for the task, and fill in information such as start and due dates, priority, and so on.
3. Specify the type of category for your task, so that it can be grouped with other related tasks. Tap **Categories**, then select a preset category (Business, Holiday, Personal, or Seasonal), or tap **New** to create your own category.
4. When finished, tap **OK**.

Tip You can easily create a short, to-do type task. Simply tap the **Tap here to add a new task** box, enter a subject, and tap the Enter button on the on-screen keyboard. If the task entry box is not available, tap **Menu > Options** and select the **Show Tasks entry bar** check box.

To change the priority of a task

Before you can sort tasks by priority, you need to specify a priority level for each task.

1. Tap **Start > Programs > Tasks**.
2. Tap the task you want to change the priority for.
3. Tap **Edit**, and in the **Priority** box, tap a priority level.
4. Tap **OK** to return to the task list.

Note All new tasks are assigned a Normal priority by default.

To set a default reminder for all new tasks

1. Tap **Start > Programs > Tasks**.
2. Tap **Menu > Options**.
3. Select the **Set reminders for new items** check box.
4. Tap **OK** to return to the task list.

Note The new tasks must have due dates set in order for the reminder to take effect.

To show start and due dates in the task list

1. Tap **Start > Programs > Tasks**.
2. Tap **Menu > Options**.
3. Select the **Show start and due dates** check box.
4. Tap **OK**.

To locate a task

When your list of tasks is long, you can display a subset of the tasks or sort the list to quickly find a specific task.

1. Tap **Start > Programs > Tasks**.
2. In the task list, do one of the following:
   - Sort the list. Tap **Menu > Sort By**, and tap a sort option.
   - Filter the list by category. Tap **Menu > Filter**, and tap the category you want displayed.

Tip To filter your tasks further, tap **Menu > Filter > Active Tasks** or **Completed Tasks**.

6.4 Notes

Notes helps you to quickly capture thoughts, questions, reminders, to-do lists, and meeting notes. You can create handwritten and typed notes, record voice notes, convert handwritten notes to text for easy readability, and send notes to others.

To create a note

1. Tap **Start** > **Programs** > **Notes**. In the note list, tap **New**.
2. Tap the **Input Selector** arrow next to the **Input Method** icon on the menu bar, tap the input method you want, and enter your text.
3. If the **Input Selector** arrow is not displayed, tap the **Input Method** icon.
4. When finished, tap **OK** to return to the note list.

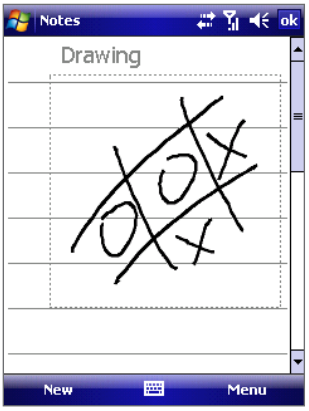
Notes

- To select handwritten text, tap and hold next to the writing. As soon as dots appear, and before they form a complete circle, quickly drag across the writing.
- If a letter crosses three ruled lines, it is treated as a drawing rather than text.

To draw in a note

1. Tap **Start** > **Programs** > **Notes**.
2. In the note list, tap **New**.
3. To draw on the screen, use the stylus like a pen.
4. A selection box appears around your drawing.
5. When finished, tap **OK** to return to the note list.

Note To select a drawing (for example, to copy or delete it), tap and hold the drawing briefly. When you lift the stylus, the drawing is selected.



To record a voice note

You can create a stand-alone recording (voice note) or you can add a recording to a note.

1. Tap **Start** > **Programs** > **Notes**.
2. Do one of the following:
   - To create a stand-alone recording, record from the note list.
   - To add a recording to a note, create or open a note.
3. If you do not see the Recording toolbar, tap **Menu** > **View Recording Toolbar**.
4. Tap the **Record** icon (●) to begin recording your voice. Tap the **Stop** icon (■) when finished recording.

To change recording formats

1. Tap **Start** > **Settings** > **Personal** tab > **Input**.
2. Tap the **Options** tab, and select the desired format you want in the **Voice recording format** list.
3. Tap **OK**.

Note You can also change recording formats from within Notes. In the note list, tap **Menu** > **Options** > **Global Input Options** link (at the bottom of the page), then tap the **Options** tab.

6.5 Voice Recorder

Voice Recorder lets you record your voice and then quickly send it in an e-mail message, send it via Bluetooth, or set the recorded voice as your ringtone.

Note Voice Recorder saves voice recordings in AMR-NB (Adaptive Multi-Rate Narrowband) format only. This is a common speech audio format used in mobile devices.

To record your voice

1. Tap **Start > Programs > Voice Recorder**.
2. Hold the device's microphone near your mouth.
3. Tap **Record** or to start recording a voice clip. Tap **Stop** to end the recording.

All recordings are saved in the **My Voices** folder by default. You can choose another folder to save voice recordings by tapping beside the folder name on the top-left of the screen and then in the menu, choose the folder where to save future recordings.

To play back a voice recording

- On the Voice Recorder screen, select a voice recording then tap .

Tips
- Tap to increase the volume; tap to decrease the volume.
- Tap to toggle between muting and unmuting the volume.

To send the voice recording via e-mail

Select a voice recording then tap **Menu > Send > Outlook E-mail**. This creates a new Outlook e-mail message with the voice recording inserted as a file attachment.

See "Using E-mail" in Chapter 7 to learn how to send e-mail.

To send the voice recording via Bluetooth

1. Select the voice recording(s) you want to send, and then tap **Menu > Beam File**.
2. Tap the device you want to send the voice recording(s) to.
3. On the other device, accept the file transfer to receive the file.

To set the voice recording as a ring tone

Select the desired voice recording then tap **Menu > Set as Ringtone**.

To rename or move a recording

1. Select a voice recording then tap **Menu > Rename/Move**.
2. Enter the new **Name** for the voice recording.
3. To move the voice recording, select the new destination **Folder** and **Location**.
4. Tap **OK**.

Chapter 7
Exchanging Messages

7.1 Messaging

7.2 Text Messages

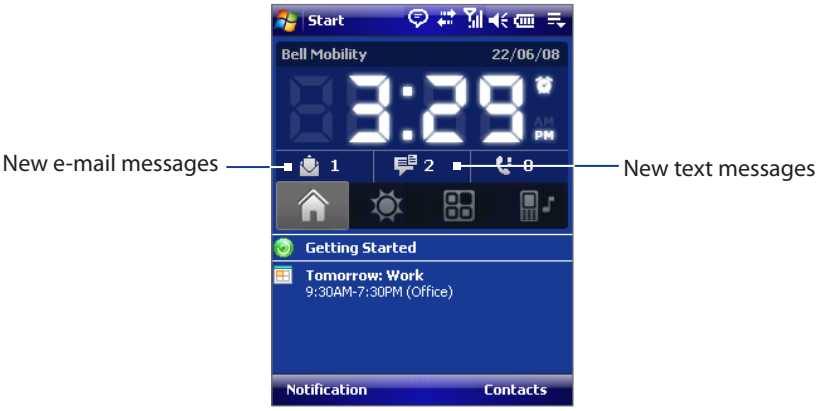
7.3 Types of E-mail Accounts

7.4 E-mail Setup Wizard

7.5 Using E-mail

7.1 Messaging

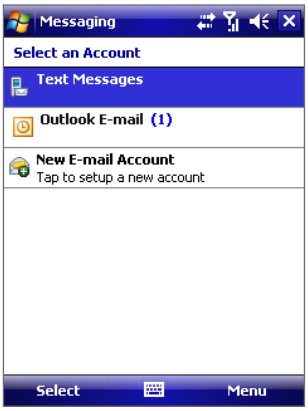
Messaging is where your text messages (SMS) and e-mails are located. When you receive new messages, you can open them from the Today screen. Simply tap the type of message that you want to open.



To select a messaging account

Do one of the following:

- Tap **Start** > **Messaging**. The Account Picker screen then appears where you can select an account.
- While you are in a message list of a certain account, for example Text/Multimedia, tap **Menu** > **Go To** to switch to other types of messaging accounts.



Account Picker screen

To configure message account settings

- Tap **Menu** > **Options** on the Account Picker screen; or
- Tap **Menu** > **Tools** > **Options** while you're in a message list.

To automatically add a signature in outgoing messages

You can automatically add your name and other information as your signature in outgoing SMS and e-mail messages by following these steps:

Tip You need to specify your signature for each type of messaging accounts.

1. Tap **Start** > **Messaging**, then tap **Menu** > **Options**.
2. Tap **Signatures**.
3. Select a type of messaging account in which to add a signature.
4. Select the **Use signature with this account** check box.
5. In the provided text box, enter the information that will be displayed as your signature.
6. If you want the signature to be added whenever you reply or forward messages, select the **Use when replying and forwarding** check box.
7. Repeat steps 3 to 6 to add a signature to the other types of messaging accounts.

7.2 Text Messages

Send text messages

To compose and send a text message

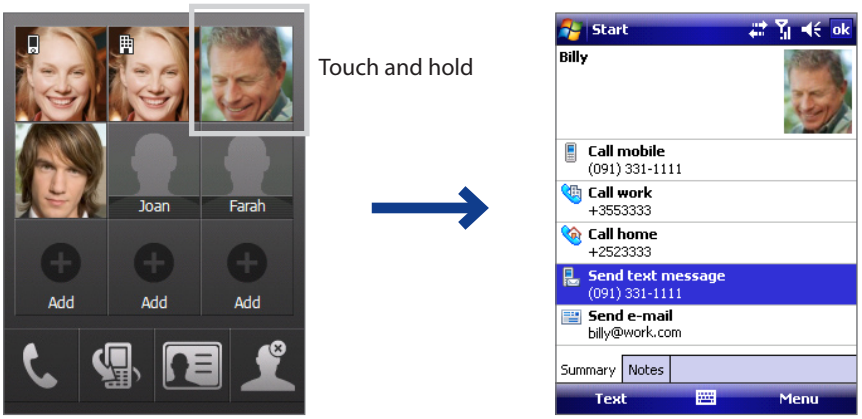
1. You can select a contact either from TouchFLO's Touch Cube or from Contacts.

   Select a favorite contact from TouchFLO's Touch Cube:

   a. Open the Touch Cube by sliding your finger upward, starting from the bottom of the touch screen where it shows a logo image. (See Chapter 1 for detailed instructions.)

   b. Slide your finger left or right to rotate the cube and navigate to the screen where it shows your favorite contacts.

   c. Touch and hold the photo or name of the favorite contact to whom you want to send a text message. The contact card of your selected contact is then displayed.



   d. Touch the item that shows **Send text message**.

   Select from Contacts:

   a. Tap **Start > Contacts**.

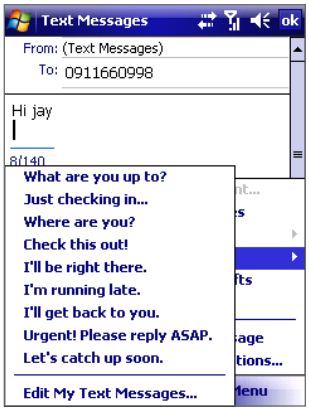
   b. Slide your finger upward on the touch screen to scroll down the contact list. See "Finger scrolling and finger panning" in Chapter 1 for more details on finger scrolling.

   c. Touch the contact's name to open his or her contact card.

   d. On the contact card, touch the item that shows **Send text message**.

2. A new text message is then created.

   To add more recipients, enter their mobile phone numbers in the **To** field, separating them with a semicolon. You can also tap **To** if you want to add mobile phone numbers from Contacts.



3. Enter your message.

   - To quickly add common messages, tap **Menu > My Text** and tap a desired message.
   - To check the spelling, tap **Menu > Spell Check**.

4. Tap **Send**.

Notes • For more information about entering text and symbols, see Chapter 2.

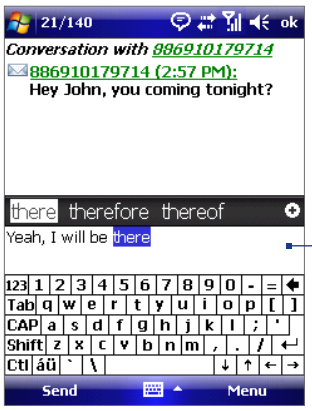
- If you want to know when a text message is received, before sending the message that you are composing, tap **Menu > Message Options** then select the **Request message delivery notification** check box.
- To always receive a delivery notification, tap Menu > Tools > Options in the text message list, tap Text Messages then select the Request delivery notifications check box.

Manage text messages

Text messages that are sent to and received from a contact (or number) are grouped as a single thread in your inbox. Threaded SMS lets you see exchanged messages (similar to a chat program) with a contact on the screen

To reply to a text message

1. In the Text Messages inbox, tap a message thread to open it.
2. At the bottom of the screen, type your reply message and then tap **Send**.



To delete a message in the thread

1. In the Text Messages inbox, tap a message thread to open it.
2. Use the Navigation Up or Down control to select a message in the thread that you want to delete.
3. Tap **Menu > Delete**.

To delete all messages in a thread

1. In the Text Messages inbox, select a message thread using the Navigation Up or Down control.
2. Tap **Delete**.

7.3 Types of E-mail Accounts

You can set up the following types of e-mail accounts on your device:

- Outlook e-mail that you sync with your PC or the Exchange Server.
- E-mail account that you have from an Internet Service Provider (ISP).
- Web-based e-mail accounts such as Yahoo!® Mail, AOL®, etc.
- Work account that you access using a VPN connection.

Set up your device to synchronize Outlook e-mail with the computer

If you have installed the synchronization software on your PC and created a partnership with your device, then your device is ready to send and receive Outlook e-mail.

If you have not yet installed the synchronization software nor created a partnership, please do so by following the procedures in Chapter 5.

Tip To set up your company e-mail account so that you can access Outlook e-mail messages wirelessly, you must set up your device to synchronize via an over-the-air connection with your company's Exchange Server. For more information about synchronizing with your company e-mail server, see Chapter 8.

7.4 E-mail Setup Wizard

Windows Mobile's E-mail Setup wizard walks you through the processof setting up your e-mail account. It has an Auto Setup feature which can automatically set up your e-mail account based on the e-mail address and password that you enter, if your e-mail provider settings are preconfigured on your device. If the settings are not found on your device, Auto Setup then attempts to retrieve the settings online for which you may be charged when your device connects to the Internet and downloads them. If it cannot find the e-mail settings online, you need to enter them manually.

Tip For more information about synchronizing with your company e-mail server, see Chapter 8.

Set up a POP3 or IMAP4 e-mail account

Set up a POP3 or IMAP4 e-mail account on your device if you have an e-mail account from an Internet service provider (ISP) or other e-mail provider, or a web-based account such as Gmail, Yahoo! Mail Plus, etc. You can also add a work account that you access using a VPN server connection as a POP3/IMAP4 account.

1. Tap **Start** > **Messaging** > **Setup E-mail**.
2. Enter your **E-mail address** and the **Password** for your e-mail account and select the **Save password** option. Tap **Next**.
3. If e-mail provider settings are found preconfigured on your device, the E-mail Setup wizard shows a successful message. Tap **Next**.

   If the settings are not found on your device, select the **Try to get e-mail settings automatically from the Internet** checkbox to find and download e-mail server settings from the Internet and then tap **Next**.
4. Enter **Your name** and the **Account display name** and then tap **Next**.

   Note If the E-mail Setup wizard was unsuccessful in finding and downloading settings from the Internet, select **Internet e-mail** from the **Your e-mail provider** list on the next screen. You will be asked to enter e-mail server settings. See "To specify e-mail server settings" for details.
5. In the **Automatic Send/Receive** list, choose how frequent you want e-mail messages to be automatically sent and downloaded on your device.

   Note Tap **Review all download settings** to select download options, set the e-mail format as HTML or plain text, and more. For more information, see "To customize download and format settings."
6. Tap **Finish**.

To specify e-mail server settings

If Auto Setup is unsuccessful, contact your ISP or e-mail provider for the **Incoming mail server** and **outgoing mail server settings** so you can enter them on your device.

Other options that you can select include the following:

- Select the **Outgoing server requires authentication** check box, if required by your provider.

- If the outgoing e-mail server requires a different user name and password for sending e-mail, clear the **Use the same user name and password for sending e-mail** check box. You will be prompted to enter these information.
- Tap **Advanced Server Settings**, then select the **Require SSL** check boxes if your e-mail provider uses an SSL connection for more secured e-mail. From the **Network connection** list, select the data connection that you use for connecting to the Internet.

To customize download and format settings

Before you tap **Finish** when setting up your POP3 or IMAP4 e-mail account, you can tap **Review all download settings** to choose download options, message format, and other settings.

Options	Description
Automatic Send/Receive	You can select a time interval for connecting to the Internet automatically to send and receive messages.
Download messages	Set the number of days of messages that you want to be downloaded to your device.
Send/receive when I click Send	By default, messages are immediately delivered when you tap **Send**. If you prefer to save outgoing messages to the Outbox folder first, clear the check box. (In this case, you will need to manually send messages by tapping **Menu > Send/Receive**).
Use automatic send/receive schedule when roaming	This allows your device to data roam when there is a set time interval for connecting to the Internet automatically. Since this may result in higher connection costs, you may want to leave the check box cleared.
When deleting messages	Choose whether to delete messages from the mail server when you delete them on your device.
Message format	Select HTML or Plain Text.
Message download limit	Select the e-mail download size. If you have large volumes of e-mail, use a lower size or select to download headers only.
Download attachments	Select the attachment download size. You can also select to download all attachments or none at all.

Set up a custom domain e-mail

When you are using an e-mail domain name that is hosted by a different e-mail provider (for example, your e-mail address may be Benjamin@startup.com but Email.com hosts the e-mail account and provides e-mail services), select the **Custom Domain** option in the E-mail Setup wizard to set up your e-mail account on your device.

1. Add a new e-mail account. See "Add an e-mail account" for instructions.
2. Enter your **E-mail address** and the **Password** for your e-mail account and select the **Save password** option. Tap **Next**.
3. Clear the **Try to get e-mail settings automatically from the Internet** and then tap **Next**.
4. In **Your e-mail provider**, select **Custom domain** and then tap **Next**.
5. Enter the domain of your e-mail provider and then tap **Next**.
6. The E-mail Setup wizard then tries to find the e-mail provider settings on your device or from the Internet. If the settings are found, it shows a successful message. Tap **Next**.
7. Enter **Your name** and the **Account display name** and then tap **Next**.

   Note If the E-mail Setup wizard was unsuccessful in finding the settings, you will be prompted to enter e-mail server settings on the succeeding screens. See "To specify e-mail server settings" for details.
8. In the **Automatic Send/Receive** list, choose how frequent you want e-mail messages to be automatically sent and downloaded on your device.

Note Tap **Review all download settings** to select download options, set the e-mail format as HTML or plain text, and more. For more information, see "To customize download and format settings."

9. Tap **Finish**.

7.5 Using E-mail

After setting up e-mail accounts on your device, you can start sending and receiving e-mail messages.

Create and send messages

To compose and send a message

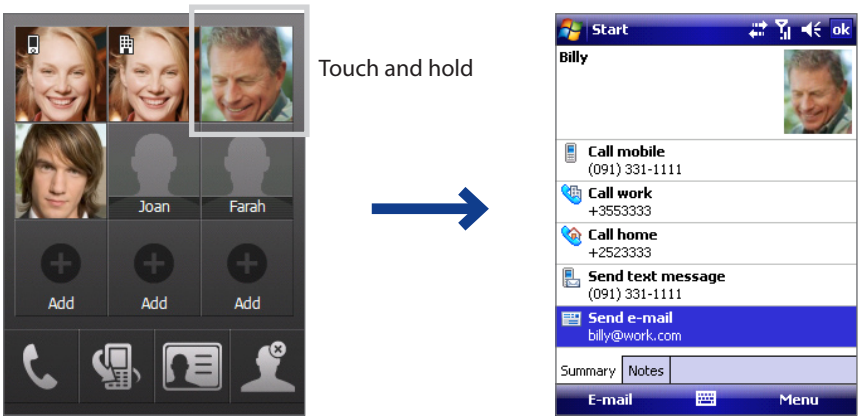
1. You can select a contact either from TouchFLO's Touch Cube or from Contacts.

   Select a favorite contact from TouchFLO's Touch Cube:

   a. Open the Touch Cube by sliding your finger upward, starting from the bottom of the touch screen where it shows a logo image. (See Chapter 1 for detailed instructions.)

   b. Slide your finger left or right to rotate the cube and navigate to the screen where it shows your favorite contacts.

   c. Touch and hold the photo or name of the favorite contact to whom you want to send an email. The contact card of your selected contact is then displayed.



   d. Touch the item that shows **Send e-mail**.

   Select from Contacts:

   a. Tap **Start > Contacts**.

   b. Slide your finger upward on the touch screen to scroll down the contact list. See "Finger scrolling and finger panning" in Chapter 1 for more details on finger scrolling.

   c. Touch the contact's name to open his or her contact card.

   d. On the contact card, touch the item that shows **Send e-mail**.

2. If you have several e-mail accounts, the Account Picker screen will appear. Select an e-mail account that you want to use.

3. A new e-mail message is then created.

   To add more recipients, enter their e-mail addresses, separating them with a semicolon. You can also tap **To** if you want to add e-mail addresses stored in Contacts.

4. Enter a subject and compose your message. To quickly add common messages, tap **Menu > My Text** and tap a desired message.

5. To check the spelling, tap **Menu > Spell Check**.

6. Tap **Send**.

Tips

- To set the priority, tap **Menu > Message Options**.
- If you are working offline, e-mail messages are moved to the Outbox folder and will be sent the next time you connect.

To add an attachment to a message

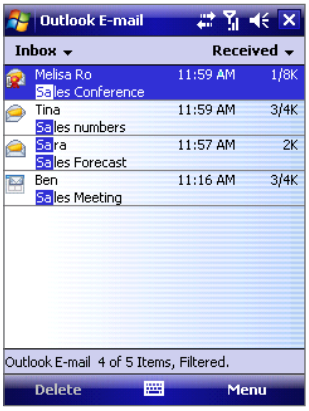
1. In the message that you are composing, tap **Menu > Insert** and tap the item you want to attach: **Picture**, **Voice Note**, or **File**.
2. Select the file you want to attach, or record a voice note.

Filter the Inbox message list

When the Inbox on your device is full of messages, it may be hard to browse and locate a desired message. You can filter your Inbox to only display the messages that contain a particular sender or subject you are searching for.

To filter your Inbox

Enter the sender name or e-mail subject you want to look for using the on-screen keyboard. As you tap keys, the message list narrows down to the conditions you have set.



For example, tapping "S", then "A" narrows the list to only the e-mails that contain sender names and e-mail subjects that start with "SA."

View and reply to messages

To read an incoming message

By default, only the first few kilobytes of a message are shown when you open an incoming message. To read the whole message do one of the following:

- Finger-scroll to the end of the message and tap **Get entire message and any attachments** (POP3 e-mail account) or **Get the rest of this message** (Outlook/IMAP4 e-mail account).
- Tap **Menu > Download Message**.

The message will be downloaded the next time you tap **Menu > Send/Receive** to send and receive e-mail.

Note The Fetch Mail feature, which is avaiable for POP3 and IMAP4 Internet e-mail accounts, downloads an entire e-mail without the need for you to performa full synchronization. This limits the download to just the e-mail message that you want and helps save data cost.

Fetch Mail is also available for Outlook E-mail. See "Instant download through Fetch Mail" in Chapter 8 for details.

Download may take some time, depending on the speed of your Internet connection, size of the whole e-mail, and whether file attachments are automatically downloaded.

To download an attachment

An attachment appears below the subject of the message. Tapping the attachment opens the attachment if it has been fully downloaded or marks it for download the next time you send and receive e-mail.

Notes

- If there are multiple attachments in the message, all attachments are downloaded.
- For information about setting your device to automatically download file attachments, see "Customize e-mail settings".
- If your company is running Microsoft Exchange Server 2007, the attachment downloads immediately, without waiting until the next time you synchronize. For more information about working with company e-mails, see Chapter 8.

To reply to or forward a message

1. Open the message and tap **Menu > Reply**, **Menu > Reply All**, or **Menu > Forward**.
2. Enter your response then tap **Send**.

Tip Whenever you reply to all the recipients of an Outlook e-mail, your own e-mail address will also be added to the recipient list. You can customize ActiveSync so that your e-mail address will be excluded. To do so, tap **Menu > Options** in ActiveSync, select the **E-mail** item, tap **Settings**, then tap **Advanced**. In the **My e-mail addresses** text box, enter your e-mail address(es). If you want to enter more than one e-mail address, separate the e-mail addresses with a semi-colon.

To view and reply to HTML e-mails

You can receive, view and reply to HTML e-mails from any type of e-mail account. The HTML format is retained, without layout shifting or resizing.

Note HTML e-mail support in Outlook Mobile is available only if your company is using Microsoft Exchange Server 2007.

1. Set the message format to HTML. To find out how to set the message format, see “Customize e-mail settings”.
2. Tap **Start > Messaging**, select your e-mail account, and open an HTML e-mail that you received.
3. Tap the **Tap to scroll right** option to be able to scroll sideways and get a complete horizontal view of the message.
4. Tap **Get the rest of this message** that’s shown at the bottom of the message to download and view the whole message.
5. If the e-mail does not download immediately, tap **Menu > Send/Receive**.
6. If images do not immediately appear on the message, tap **Internet pictures blocked** then tap **Download Internet pictures**.
7. Tap **Menu** and choose whether to reply or forward the message.
8. Enter your response then tap **Send**.

Tip E-mail can contain hyperlinks to Web pages.

Download messages

The manner in which you download messages depends on the type of e-mail account you have.

To send and receive e-mail for an Outlook account

1. Tap **Start > Programs > ActiveSync**.
2. Connect your device to your PC using the USB cable or Bluetooth.

   Otherwise, connect wirelessly if you are synchronizing Outlook e-mail with the Exchange Server. For more information, see Chapter 8.
3. Synchronization automatically begins, and your device sends and receives Outlook e-mail.

Tip You can also manually synchronize anytime by tapping Sync in ActiveSync or Menu > Send/Receive in Outlook Mobile.

To send and receive e-mail for an Outlook account

1. Connect your device to your PC using the USB cable or Bluetooth.

   Otherwise, connect wirelessly if you are synchronizing Outlook e-mail with the Exchange Server. For more information, see Chapter 8.

2. Synchronization automatically begins, and your device sends and receives Outlook e-mail.

Tip You can also manually synchronize anytime by tapping **Sync** in ActiveSync or **Menu > Send/Receive** in Outlook Mobile.

To send and receive e-mail for a POP3/IMAP4 account

If you have an e-mail account with an ISP or a work account that you access using a VPN server connection, you send and receive messages through a remote e-mail server. Before sending and downloading messages, you need to connect to the Internet or your corporate network.

1. Tap **Start > Messaging** and tap your POP3 or IMAP4 e-mail account.
2. Tap **Menu > Send/Receive**. Messages on your device and e-mail server are synchronized: new messages are downloaded to the device Inbox folder, messages in the Outbox folder are sent, and messages deleted from the server are removed from the device Inbox.

Customize e-mail settings

To change the download size and format for Outlook e-mail

1. Disconnect your device from the computer.
2. Tap **Start > Programs > ActiveSync**.
3. Tap **Menu > Options**, select **E-mail**, then tap **Settings**.
4. On the E-mail Sync Options screen:
   - Under **Download size limit**, select the desired e-mail size.
   - Under **Message format**, select HTML or Plain text.
5. Close ActiveSync and reconnect your device to the computer.

To change the download size and format for POP3/IMAP4 e-mail

1. Tap **Menu > Options** on the Account Picker screen, or tap **Menu > Tools > Options** while you're in a message list.
2. Tap your e-mail account.
3. Tap **Download Size Settings**.
4. Under **Message format**, select HTML or Plain text.
5. Under **Download size limit**, select the desired e-mail size.
6. Tap **Done**.

To automatically receive attachments on Outlook e-mails

1. Tap **Start > Programs > ActiveSync**.
2. Tap **Menu > Options**.
3. Tap **E-mail > Settings**, then select **Include file attachments**.

To automatically receive attachments on IMAP4 e-mails

1. Tap **Start** > **Messaging**.
2. Tap **Menu** > **Options**.
3. Tap the name of your IMAP4 account.
4. Keep tapping **Next** until you see the **Download attachments** item on the screen.
5. Select a download size from the **Download attachments smaller than** list box.
6. Tap **Finish**.

To store attachments on a storage card

1. Tap **Start** > **Messaging**.
2. Tap **Menu** > **Options** > **Storage** tab.
3. Select the **When available, use the storage card to store attachments** check box.

Chapter 8

Working With Company E-mail and Meeting Appointments

8.1 Synchronizing Your Device with the Exchange Server

8.2 Working With Company E-mail

8.3 Managing Meeting Requests

8.4 Finding Contacts in the Company Directory

8.5 E-mail Security

8.1 Synchronizing Your Device with the Exchange Server

To keep up-to-date with your company e-mail while you're out of the office, you can connect your device to the Internet wirelessly and synchronize it with your company's Exchange Server. You can also access your company addressbook anytime. Your company must have a mail server that is running Microsoft Exchange Server with Exchange ActiveSync.

Set up an Exchange Server connection

Before you can synchronize or access information on the Exchange Server, you need to set up an Exchange Server connection on your device. You need to get the following information from your network administrator and enter them on your device:

- Exchange Server name (must be the Outlook Web Access server name)
- Domain name
- User name and password that you use at work

If you have not synchronized your device with your PC, follow these steps to set up an Exchange Server connection.

1. Tap **Start > Messaging > Setup E-mail**.
2. Enter the **E-mail address** and **Password** for the e-mail account and select the **Save password** option. Tap **Next**.
3. Clear the **Try to get e-mail settings automatically from the Internet** option and tap **Next**.
4. In **Your e-mail provider**, select **Exchange server** and tap **Next**.
5. Tap **Next** again.
6. Select the **Attempt to detect Exchange Server Settings automatically** option and tap **Next**.
7. Enter the **Domain** name and tap **Next**.
8. In **Server address**, enter the Exchange Server address and tap **Next**.
9. Select the items that you want to sync with the Exchange Server.

   Tips
   - To change synchronization settings of an information item, for example, E-mail, select the item, then tap **Settings**.
   - To change the rules for resolving synchronization conflicts, tap **Menu > Advanced**.

10. Tap **Finish**.

Start synchronization

Before you start synchronizing with the Exchange Server, make sure your device has been set up with a data connection to the Internet so that you can synchronize wirelessly. For more information about connections, see Chapter 10.

After you finish setting up an Exchange Server connection, your device automatically starts synchronization.

You can manually start synchronization anytime by tapping **Sync** in ActiveSync.

Note If you connect your device to your office computer via a USB or Bluetooth connection, you can use this connection to the PC to "pass through" to the network and download Outlook e-mails and other information to your device.

8.2 Working With Company E-mail

Your device gives you instant access to your company e-mail and lets you manage your messages easier. Direct Push, Fetch Mail, Remote e-mail search, and e-mail flags are just some of the tools you can use to manage your e-mails.

Note Some messaging features depend on the Microsoft Exchange Server version used in your company. Please check with your network administrator for the availability of these features.

Automatic synchronization through Direct Push

Direct Push technology (push e-mail feature) enables you to receive new e-mails on your device as soon as they arrive in your Inbox on the Exchange Server. With this feature, items such as contacts, calendar and tasks are also immediately updated onto your device when these items have been changed or new entries have been added on the Exchange Server. To make Direct Push work, you need to have a data connection on your device.

You need to perform a full synchronization between your device and the Exchange Server first before Direct Push can be enabled.

Requirement The Direct Push feature works for your device only if your company is using **Microsoft Exchange Server 2003 Service Pack 2 (SP2) with Exchange ActiveSync or higher version**.

To enable Direct Push via Comm Manager

1. Tap **Start > Settings > Connections** tab **> Comm Manager**.
2. On the Comm Manager screen, tap the **Microsoft Direct Push** button to enable or disable the Direct Push function. When enabled, the ON indicator is activated.

To enable Direct Push via ActiveSync

1. In ActiveSync on your device, tap **Menu > Schedule**.
2. Select **As items arrive** in the **Peak times** and **Off-peak times** boxes.

Scheduled synchronization

If you do not want to use Direct Push, you can set a regular schedule for synchronizing Outlook e-mail and information.

1. In ActiveSync on your device, tap **Menu > Schedule**.
2. Select a shorter time interval in the **Peak times** box for you to be able to receive e-mails more frequently. (Peak times which usually refer to your working hours when e-mail volume is high).
3. Select a longer interval in the **Off-peak times** box.

Tip To set the days and hours that make up your peak and off-peak times, tap Adjust peak times to fit your schedule.

Instant download through Fetch Mail

The **Fetch Mail** feature downloads an entire e-mail immediately without the need for you to perform a full Send/Receive action. This limits the download to just the e-mail message that you want and helps save data cost.

Requirement Fetch Mail works for your device only if your company is using **Microsoft Exchange Server 2007 or higher**.

1. Tap **Start > Messaging > Outlook E-mail**.
2. Tap an e-mail message to open it.
3. By default, only the first few kilobytes of the message is shown. To download the whole e-mail, finger-scroll to the end of the message then tap **Get the rest of this message**.
4. A "Downloading message" status appears. Wait for the remainder of the message body to be downloaded.

Tip For information about changing e-mail sync options such as the initial download size limit for e-mail, see "Customize e-mail settings" in Chapter 7.

Note When you receive an e-mail that contains a link to a document such as a PDF or Microsoft Office document located on SharePoint or an internal file server, you can tap the link to view the document on your device. You can view the document only if you have a Microsoft Outlook account that synchronizes with Microsoft Exchange Server 2007 or later. Exchange Server must also be set up to allow access to SharePoint document libraries or internal file servers.

Search for e-mails on the Exchange Server

You can access messages that are not available on your device by searching your Microsoft Exchange Server mailbox. The search results will be downloaded and displayed in a Search Results folder.

Requirement Your company must be using **Microsoft Exchange Server 2007 or higher**.

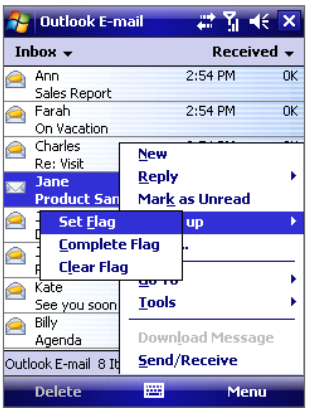
1. Tap **Start > Messaging > Outlook E-mail**.
2. Tap **Menu > Tools > Search Server**.
3. In the **Look for** text box, enter the search keyword.
4. Choose the date range of messages to search from.
5. From the **Look in** list, choose whether to search from your inbox or outbox only or to search all folders.
6. Tap **Search**.

Flag your messages

Flags serve as a reminder for you to follow-up on important issues or requests contained in the e-mail messages. Flagging messages, which has been a useful feature on desktop Outlook E-mail, can also be done in Outlook Mobile on your device. You can flag received e-mail messages on your device.

Requirement Flags are enabled only if e-mails are synchronized with **Microsoft Exchange Server 2007 or higher**. Flags are disabled or hidden if e-mails are synchronized with earlier versions of Microsoft Exchange Server.

To flag or unflag message

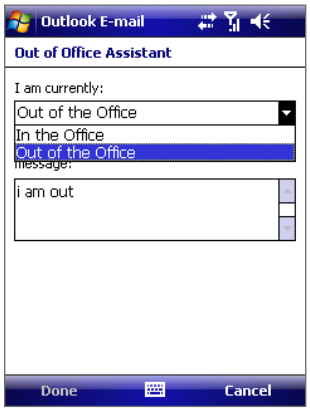


1. Tap **Start** > **Messaging** > **Outlook E-mail**.
2. Select a message or open a message.
3. Tap **Menu** > **Follow Up** and select one of the following options:
   - **Set Flag** Mark the message with a red flag to indicate that it needs follow up.
   - **Complete Flag** Mark the message with a check mark to indicate that the issue or request in the e-mail is already completed.
   - **Clear Flag** Remove the flag to unmark the message.

Note E-mail message reminders are displayed on your device if the messages are flagged with reminders and synchronized from the Exchange Server.

Out-of-office auto-reply

Outlook Mobile allows you to retrieve and change your out-of-office status. Just like desktop Outlook E-mail, Outlook Mobile automatically sends an auto-reply message when you're not available.



To send out-of-office auto-reply messages

1. Tap **Start** > **Messaging** > **Outlook E-mail**.
2. Tap **Menu** > **Tools** > **Out of Office**.
3. From the **I am currently** list, select **Out of the Office**.
4. Enter your auto-reply message then tap **Done**.

Requirement Your company must be using **Microsoft Exchange Server 2007 or higher**.

8.3 Managing Meeting Requests

When you schedule and send meeting requests from your device, you can invite attendees to your meeting and check their status to know about their availability.

When you receive a meeting request, you can reply by accepting or declining the request. The meeting request also clearly indicates whether or not there are conflicting or adjacent meetings.

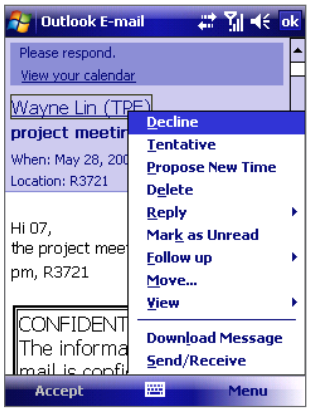
Requirement Your company must be using **Microsoft Exchange Server 2007 or higher**.

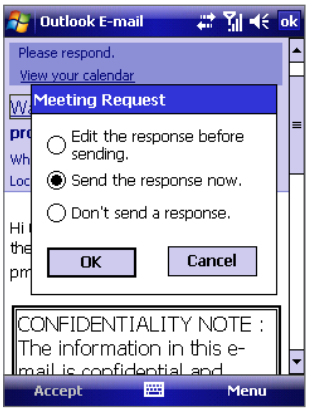
To reply to a meeting request

1. When you receive a meeting request e-mail, a notification will be displayed on the Today screen. Open the e-mail.
2. Tap **Accept** to reply and accept the meeting request, or tap **Menu** > **Decline** if you cannot attend the meeting.

Tips
- Before responding, you can check your availability during the time of the requested meeting by tapping **View your calendar**.
- If the time of the meeting conflicts with your other appointments, a "Scheduling Conflict" status appears on top of the e-mail.

3. Choose whether or not to edit your response e-mail before sending then tap **OK**.





4. If you accepted the meeting request, it will automatically be added as an appointment in Calendar on your device.

To view the list of meeting participants

1. Tap **Start > Calendar**.
2. Tap a meeting request that you previously sent, then tap **Attendees**. The list of required and optional attendees will be listed.

Notes

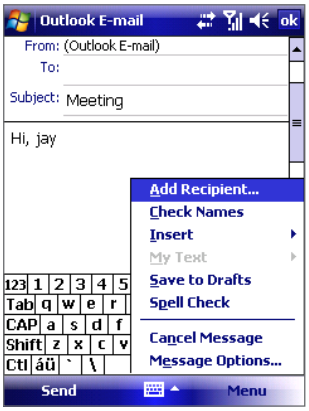
- For information about creating a meeting request, see "To send a meeting request" in Chapter 6.
- If you select a meeting that you have organized, the list shows who has accepted or declined the meeting.
- To view an attendee's contact information, tap the attendee's name. If the attendee is included in your contacts list, you will see the contact information immediately. If the attendee is not in your contacts list, tap **Company Directory** to view the contact information.

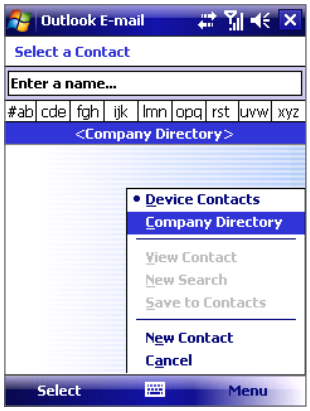
8.4 Finding Contacts in the Company Directory

In addition to having contacts on your device, you can access contact information from your organization's Company Directory. By having over-the-air access to the Company Directory, you can easily send e-mail messages and meeting requests to anyone in your company.

Requirement Access to the Company Directory is available only if your organization is running Microsoft Exchange Server 2003 SP2 or higher, and you have completed your first synchronization with the Exchange Server.

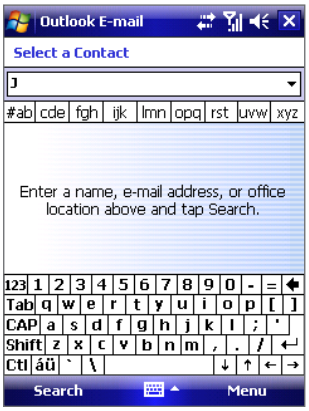
1. Synchronize with Exchange Server if you have never done so.
2. Do any of the following:
   - In Contacts, tap **Menu > Company Directory**.
   - In a new e-mail message, tap the **To** box (or tap **Menu > Add Recipient)** then tap **Company Directory**.

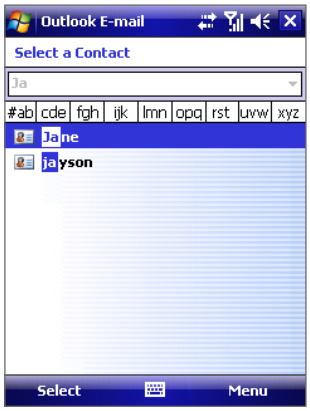




- In a new meeting request using Calendar, tap **Attendees** and then tap **Company Directory** at the top of the list.

3. Enter the part or full contact name and tap **Search**. In the search results list, tap a contact to select it.


Outlook E-mail
Select a Contact
J
#ab cde fgh ijk lmn opq rst uvw xyz
Enter a name, e-mail address, or office location above and tap Search.
Search
Menu



Notes

- You can save a contact from the Company Directory to your device by selecting the contact then tapping **Menu > Save to Contacts**.
- You can search on the following information as long as that information is included in the Company Directory: First name, Last name, E-mail name, Display name, E-mail address, or Office location.

8.5 E-mail Security

Windows Mobile protects your Outlook e-mails through Secure/Multipurpose Internet Mail Extension (S/MIME), which allows you to digitally sign and encrypt your messages.

Digitally signing a message applies your certificate with the authorization key to the message. This proves to the recipient that the message is from you and not from an impostor or a hacker, and that the message has not been altered.

Encryption protects the privacy of your message by converting it from plain, readable text into cipher (scrambled) text. Only the recipient who has the authorization key can decipher the message.

Requirement S/MIME encryption and digital signatures for Windows Mobile-based devices are available only with **Exchange Server 2003 SP2 or a later version** that supports S/MIME. If your company is not using one of these products, or you have not completed your first synchronization with the Exchange Server, these options are unavailable.

Note You can encrypt a message with or without a certificate. However, to read an encrypted message, you need a valid certificate to decrypt it.

To individually sign and encrypt a new message

1. Tap **Start** > **Messaging** > **Outlook E-mail**.
2. Tap **Menu** > **New** to create a new message.
3. Tap **Menu** > **Message Options**.
4. From the **Security** list, select whether to encrypt only, sign the message only, or do both.
5. Tap **OK**.

To verify the digital signature on a signed message you receive

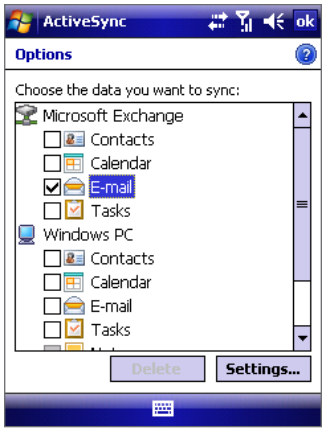
1. Open the Outlook e-mail message that has been digitally signed.
2. At the top of the message, tap **View Signature Status**.
3. Tap **Menu** > **Check Certificate**. To view the details of the certificate in the message, tap **Menu** > **View Certificate**.

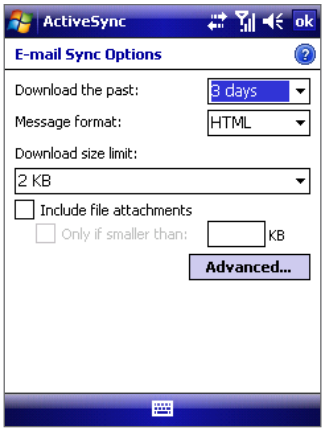
Note There can be several reasons why a digital signature is not valid. For example, the sender's certificate may have expired, it may have been revoked by the certificate authority, or the server that verifies the certificate is unavailable. Contact the sender to report the problem.

To digitally sign and encrypt all messages

You can set up ActiveSync to digitally sign and encrypt all outgoing messages. You must obtain a valid certificate to sign and encrypt e-mail messages successfully.

1. Tap **Start** > **Programs** > **ActiveSync**.
2. Tap **Menu** > **Options**.
3. Select the **E-mail** information type, and tap **Settings**. On the E-mail Sync Options screen, tap **Advanced**.





4. Do one or both of the following:
   - To sign all your outgoing e-mail messages so that recipients can be certain that the messages were sent by you and have not been altered in any way, select the **Sign all outgoing e-mail messages** check box.
   - To encrypt all your outgoing e-mail messages so that the contents of your messages are protected from being viewed by anyone other than the intended recipients, select the **Encrypt all outgoing e-mail messages** check box.
5. Tap **Choose Certificate** to select a certificate for signing or encrypting outgoing e-mail messages.

   You can select certificates to sign or encrypt e-mail messages individually if you do not choose to sign or encrypt all outgoing e-mail. For information about signing and encrypting individual messages, see "To individually sign and encrypt a new message."

Set Permissions on an E-mail Message

Another way of protecting your e-mail messages is to send messages with restricted permissions using Information Rights Management (IRM).

Note This works only with a Microsoft Outlook e-mail account and if your company is using RMS Server SP1.

1. Tap **Start > Messaging > Outlook E-mail**.
2. Create a message, and then tap **Menu > Message Options**.
3. In **Permissions**, do one of the following:
   - To allow anyone to read the message, select **Unrestricted access**.
   - To prevent the message from being forwarded, printed, or copied, select **Do not forward**.
4. Tap **OK**.

Tip An IRM-protected message received on your device can only be replied to or forwarded if the message permits it.

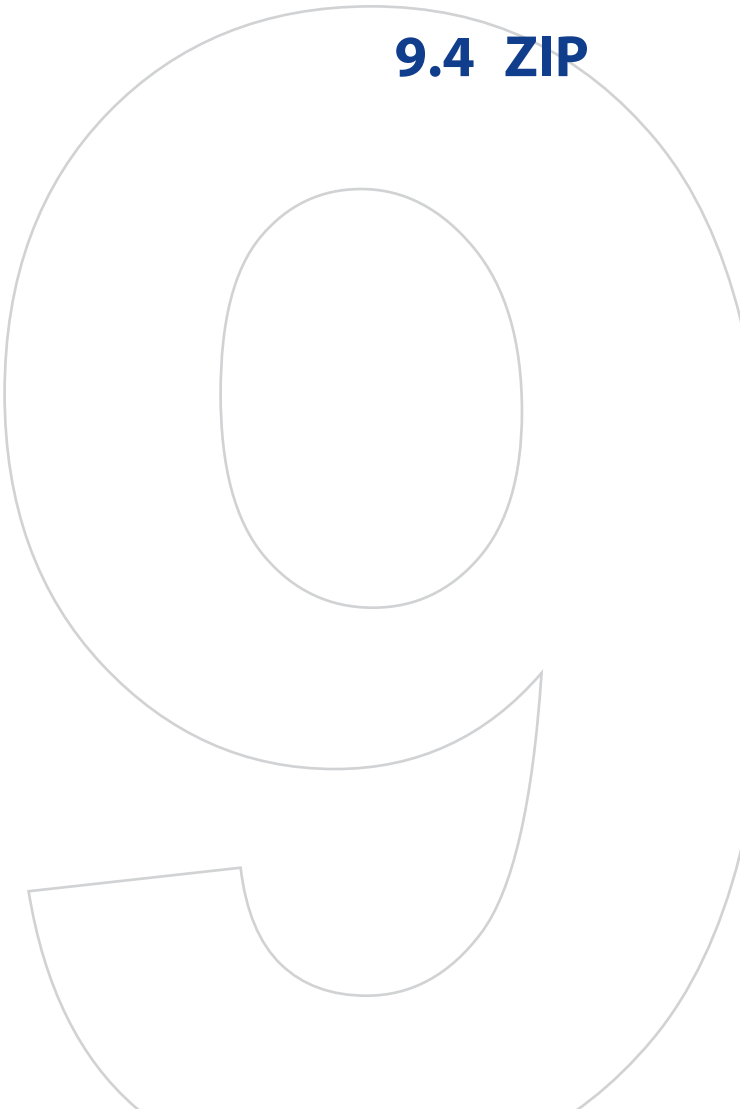
Chapter 9
Working With Documents and Files

9.1 Microsoft® Office Mobile

9.2 Adobe® Reader® LE

9.3 Copying and Managing Files

9.4 ZIP



9.1 Microsoft® Office Mobile

Microsoft® Office Mobile consists of the following applications:

- **Microsoft® Office Excel® Mobile** lets you create and edit Excel workbooks and templates on your device.
- **Microsoft® Office OneNote® Mobile** lets you create notes with text, photos, and voice recordings for synchronization later with Microsoft® Office OneNote® 2007 on your computer.
- **Microsoft® Office PowerPoint® Mobile** allows you to view (not create) slide show presentations in ***.ppt** and ***.pps** formats.
- **Microsoft® Office Word Mobile** lets you create and edit documents and templates in Word Mobile and save them as ***.doc**, ***.rtf**, ***.txt**, and ***.dot** files.

To use Microsoft Office Mobile

1. Tap **Start > Programs > Office Mobile**.
2. Tap the Office Mobile application that you want to use.

Word Mobile and Excel Mobile do not fully support some features of Microsoft® Office Word and Microsoft® Office Excel®. To see a complete list of features that are not supported in Word Mobile and Excel Mobile, see Help on your device.

Tips
- By default, Word Mobile saves documents in **.docx** format, while Excel Mobile saves workbooks in **.xlsx** format. If you want to open these types of files on a computer that uses Microsoft Office 2000, Office XP, or Office 2003, you need to download and install the **File Format Converter** in your computer. You can find this converter at http://www.microsoft.com/downloads/details.aspx?FamilyId=941B3470-3AE9-4AEE-8F43-C6BB74CD1466&displaylang=en.
- If you want Word Mobile to save documents in **.doc** format, tap **Menu > Tools > Options** (or **Menu > Options** when no document is opened), then change the **Default template** to **Word 97-2003 Document (.doc)**.
- If you want Excel Mobile to save workbooks in a format that is compatible with Microsoft Office 2000, Office XP, or Office 2003, tap **Menu > Options** (with no workbook opened), then change the **Template for new workbook** to **Blank 97-2003 Workbook**.

9.2 Adobe® Reader® LE

Adobe® Reader® LE is an application for viewing PDF (Portable Document Format) documents on your device. It supports a subset of the features found in the PC versions of Adobe Reader.

To open Adobe Reader LE

Tap **Start > Programs > Adobe Reader LE**.

To open a PDF file on your device

Do one of the following:

- Open a PDF file in Adobe Reader LE.
- Open File Explorer and find the desired PDF file, then tap the file to open it.

To navigate through a PDF document

When you are viewing a PDF document, you can do any of the following:

- Use the vertical and horizontal scroll bars (including the Up, Down, Right and Left arrow keys on the bars) to move to the desired direction of the page.
- Press NAVIGATION up/down/right/left to move to the desired direction of the page.

- Tap to move to the previous page; tap to move to the next page. Tap to jump to the first page; tap to jump to the last page.
- Tap **Tools > Go To** to select the desired page to view.

To search for text in the document

1. Tap **Tools > Find > Text** or tap on the toolbar.
2. Type in the text to be searched, then tap **Find**.
3. The matched text in the document will be highlighted.
4. To search for the next occurrence of the text, tap **Tools > Find > Next**.

Tips
- Adobe Reader LE displays a bookmark pane for the PDF files that contain bookmarks. Tap the bookmarks to go to a specific section/page within the file.
- Adobe Reader LE supports password-protected PDF files with up to 128-bit encryption. When you open a password-protected PDF file, you will be prompted to enter the password before the file can be opened.

9.3 Copying and Managing Files

You can copy files between your device and PC using Windows Mobile Device Center or ActiveSync, or copy files to a storage card that is inserted on your device. You can also efficiently manage your files and folders using File Explorer.

Copy files using Windows Mobile Device Center or ActiveSync

Using Windows Mobile Device Center or ActiveSync, you can copy files from your PC to your device and vice versa.

To copy a file between your device and the PC

1. Connect your device to the PC.
2. Click **File Management > Browse** in Windows Mobile Device Center or click **Explore** in ActiveSync on your PC. This opens the Mobile Device folder for your device.
3. Browse your device for files that you want to copy to your PC.
4. To copy a file from your device to your PC:
   a. In the Mobile Device folder, go to the file that you want to copy.
   b. Right-click the file, then click **Copy**.
   c. Locate the destination folder on your PC. Right-click the folder, then click **Paste**.
5. To copy a file from your PC to your device:
   a. On your PC, navigate to the folder that contains the file you want to copy.
   b. Right-click the file, then click **Copy**.
   c. Right-click the destination folder under Mobile Device, then click **Paste**.

Copying a file results in separate versions of a file on your device and PC. Because the files are not synchronized, changes made to one file will not affect the other. If you want to file changes to be automatically updated on your device and PC, you can synchronize files between your device and PC. For more information about synchronizing with a computer, see Chapter 5.

Use File Explorer

File Explorer lets you browse the contents of folders on your device. The root folder on the device is named My Device. My Device is similar to My Computer on the PC and contains the My Documents, Program Files, Temp, Storage Card, and Windows folders, among others.

To use File Explorer

1. Tap **Start** > **Programs** > **File Explorer**.
2. Tap a folder or file to open it.
3. To return to an upper level folder, tap the Down arrow ( ) and select the folder.
4. To delete, rename, or copy a file quickly, tap and hold the file then choose the desired operation from the shortcut menu. To select multiple files, tap and drag over the desired files.

Store files to a storage card

To copy files to a storage card

1. Make sure the storage card is properly inserted into your device.
2. Tap **Start** > **Programs** > **File Explorer** and navigate to the appropriate folder.
3. Tap and hold the file you want to copy, and tap **Copy**.
4. Tap the Down arrow ( ) then tap **Storage Card** from the list.
5. Tap **Menu** > **Edit** > **Paste**.

Tip You can configure programs such as Word Mobile and Excel Mobile to directly save edited files on your storage card. In the program's file list, tap **Menu** > **Options** then select the storage card in the **Save to** box.

9.4 ZIP

The **ZIP** program increases the storage capacity of your device by allowing you to compress files in the conventional ZIP format. It also allows you to extract files from a zip file.

To start ZIP on your device

Tap **Start** > **Programs** > **ZIP**.

Each time you start ZIP, it searches for files that have the .zip file extension, and displays these files on the Archive List screen.

To open a ZIP file and extract files

1. Open a zip file by doing one of the following:
   - Tap and hold a file and tap **Open Archive**.
   - Double-tap a file.

   Note You cannot select multiple ZIP files.
2. From the zip file, select files by doing one of the following:
   - Tap to select a file.
   - To select several files, tap **Menu** > **Action** and make sure **Multi-Select Mode** is selected. Select files by tapping each file. (Tap a selected file to deselect it).
   - To select all files, tap **Menu** > **Action** > **Select All**.

3. Tap **Menu > Action > Extract**.
4. Choose a folder in which files will be extracted to, then tap **Extract**.

To create a zip archive

1. Tap **File > New Archive**.
2. On the Save As screen, enter a zip file name and choose a folder in which to save the zip file. You can also choose whether the zip file will be saved on the device's main memory or a storage card.
3. Tap **Save**.
4. Tap **Menu > Action > Add**.
5. Double-tap the folder that contains the files you want to archive.
6. Select files by doing one of the following:
   - Tap to select a file.
   - To select several files, tap and hold on the screen, then select **Multi-Select Mode**. Select files by tapping each file. (Tap a selected file to deselect it).
   - To select all files, tap and hold on the screen, then tap **Select All**.
7. Tap **Add**.
8. Tap **Menu > File > Close Archive**.

Chapter 10
Getting Connected

10.1 Comm Manager

10.2 Connecting to the Internet

10.3 Internet Explorer® Mobile

10.4 Windows Live™

10.5 Bluetooth

10.6 Using Your Device As a Modem (Wireless Modem)

10.7 Using RSS Hub

10.1 Comm Manager

Comm Manager acts like a central switch that lets you enable or disable phone features as well as manage your data connections easily.

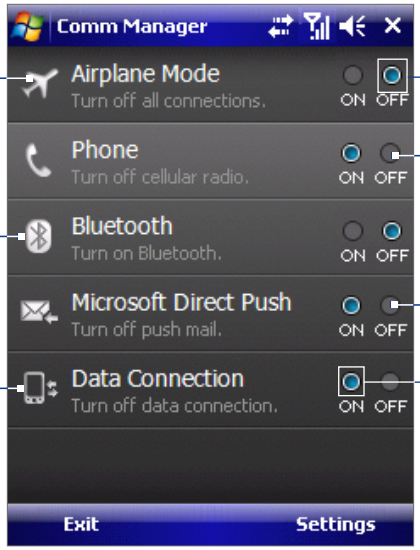
To open Comm Manager

Tap **start > Settings > Connections** tab > **Comm Manager**.

Airplane Mode
Tap to switch on or off. Turning on Airplane mode turns off the phone and Bluetooth functions. For more information, see "Airplane Mode" in Chapter 3.

Bluetooth
Tap to switchon or off. Tap **Settings > Connections** tab **> Comm Manager** to configure Bluetooth on your device. See "Bluetooth" in this chapter for details.

Data Connection
Tap to disconnect active data connections. You cannot reconnect a data connection in Comm Manager.



Off/Disabled

Phone
Tap to switch the phone on or off. Tap **Settings > Phone** to set the ring tone and other phone settings. See Chapter 4 for details.

DirectPush
Tap to switch between automatically receiving (as items arrive) or manually retrieving Outlook e-mails. See Chapter 8 for details.

On/Enabled

10.2 Connecting to the Internet

Your device's networking capability allows you to access the Internet through the dial-up connection. Settings for connecting to your service provider's 1xRTT/EVDO network are already preconfigured on your device, and your device is ready to connect to the Internet. Please do not change these settings as this may cause your data connection to stop working.

10.3 Internet Explorer® Mobile

Internet Explorer Mobile is a full-featured Internet browser, optimized for use on your device.

To start Internet Explorer Mobile

Tap **Start > Internet Explorer.**

To set a Home page

1. In the address bar on top of the Internet Explorer Mobile screen, enter the desired Web page address. Tap to open the Web page.
2. Tap **Menu > Tools > Options > General** tab.

3. Do one of the following:
   - To use the displayed page as the Home page, tap **Use Current**.
   - To use the default Home page, tap **Use Default**.

Tip To go to your Home page, tap **Menu > Home**.

To transfer favorites from your PC

You can transfer the favorites you have stored on your PC to your device by synchronizing the Internet Explorer favorites on your PC with your device.

1. In ActiveSync on your PC, on the **Tools** menu, click **Options**, and select **Favorites**.
2. In Internet Explorer on your PC, click **Favorites > Add to Favorites** and save or move favorite links to the Mobile Favorites subfolder in the Favorites list.
3. Connect your device to your PC. If synchronization does not start automatically, click **Sync**.

To add a favorite

1. In Internet Explorer Mobile, go to the page you want to add.
2. Tap and hold the page, and tap **Add to Favorites**.
3. Confirm or change the name, and select a folder for storing the favorite.
4. Tap **Add**.

To delete a favorite or folder

1. In Internet Explorer Mobile, tap **Menu > Favorites > Add/Delete** tab.
2. Select the item you want to delete, and tap **Delete**.

To change the size of text on Web pages

In Internet Explorer Mobile, tap **Menu > Zoom**, and tap the size you want.

To change how Web pages fill the screen

1. In Internet Explorer Mobile, tap **Menu > View**.
2. Tap one of the following:
   - **One Column**. Arranges the content into one column that is as wide as the screen. This means that you will rarely have to scroll horizontally.
   - **Default**. Maintains a layout similar to what you see on a desktop computer, but it makes items smaller and arranges the content so that you can see most of it without having to scroll horizontally.
   - **Desktop**. Keeps the same layout and size as on a desktop computer, which will require both horizontal and vertical scrolling.

To clear the History list

1. In Internet Explorer Mobile, tap **Menu > Tools > Options > Memory** tab.
2. Tap **Clear History**.

To save a picture from a Web page

1. In Internet Explorer Mobile, tap and hold the picture, and tap **Save Image**.
2. Do one of the following:
   - To save the picture in **My Pictures** on your device, tap **Yes**.
   - To save the picture in another location, such as a storage card, tap **Save As**.

To delete temporary Internet files

Your device temporarily stores Web pages that you frequently visit or have visited recently to speed up the display of these Web pages when you access them. You may want to delete these files to free storage space.

1. In Internet Explorer Mobile, tap **Menu > Tools > Options > Memory** tab.
2. Tap **Delete Files**. All pages stored on your device, including offline favorites content, will be deleted.

To set up Internet security settings

Cookies are small files containing information about your identity and preferences so that a page can tailor information to your needs. The page sends the file, and it is stored on your device.

1. In Internet Explorer Mobile, tap **Menu > Tools > Options > Security** tab.
2. To prevent Internet Explorer Mobile from accepting any cookies, clear the **Allow cookies** check box.
3. Select the check boxes for the other security options you want, and tap **OK**.

10.4 Windows Live™

Windows Live™ gives you full Internet experience on your device. It helps you to find information, pursue your interests, and get in touch with friends and family on the Internet easier.

Windows Live™ offers the following key features:

- **Live Search Bar**, which lets you search for information on the Web.
- **Live Messenger,** the next generation of MSN Messenger Mobile.
- **Live Mail**, the next generation of Hotmail.
- **Live Contacts**, your address book for storing Live Mail, Live Messenger and Hotmail contacts.

Set up Windows Live™

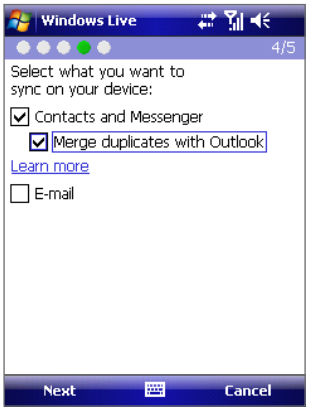
The first time you use Windows Live™, sign in by using your Windows Live ID, which is your Windows Live Mail or Hotmail address, and password.

To set up Windows Live for the first time

1. Tap **Start > Programs > Windows Live**.
2. Tap **Sign in to Windows Live**.
3. On the next screen, tap the links to read the Windows Live™ Term of Use and the Microsoft Privacy Statement. After reviewing them, tap **Accept**.
4. Enter your Windows Live™ Mail or Hotmail address and password, select the **Save password** checkbox, then tap **Next**.
5. Choose whether or not to show Windows Live™'s search bar and applications on the Today screen then tap **Next**.
6. Choose what information you want to sync online with your device.

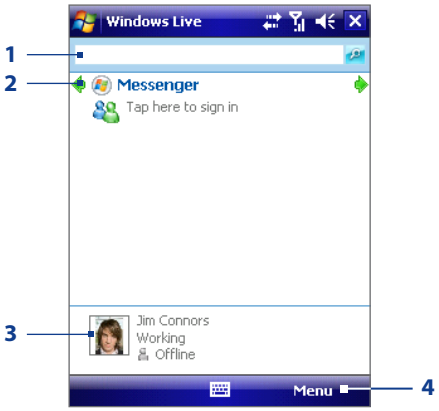
   If you sync **Contacts and Messenger**, your Windows Live contacts will be added to the contact list and to Live Messenger on your device.

   If you sync **E-mail**, your Windows Live Mail or Hotmail inbox messages will be downloaded to your device.
7. Tap **Next**.
8. After synchronization is complete, tap **Done**.



The Windows Live™ interface

On the main interface of Windows Live™, you will see a search bar, navigation bar, and an area where you can customize to show your picture.



1 Live Search Bar.

2 Tap the Left or Right arrow to switch between Windows Live Messenger, Live Mail, and Sync status.

3 Tap to access Windows Live Messenger settings.

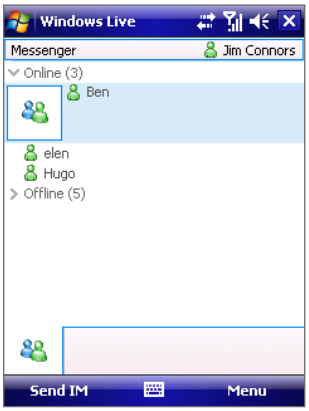
4 Tap **Menu** to access and change settings.

Tip If you chose to display the search bar and Windows Live™ applications on the Today screen when you were setting up Windows Live™, you'll also see them on the Today screen: To show or hide them from the Today screen, open Windows Live and tap **Menu > Options > Today screen options**.

Windows Live Messenger

With this mobile version of **Windows Live Messenger**, you enjoy many of the same cool features that you get from the desktop version, which include the following:

- Instant messaging via text and voice
- Multiple conversations
- Add emoticons
- Contact list with presence
- Send and receive files including photos
- Change status/display name
- View contacts by online status, groups, and more
- Send messages even when a contact is offline



Note Before you can use Windows Live Messenger, your device must be connected to the Internet. For information about setting up an Internet connection, see "Connecting to the Internet" in this chapter.

Launch the messenger and sign in

To open Windows Live Messenger

- Tap **Start > Programs > Messenger;** or
- On Windows Live™ or the Today screen, tap the Left or Right arrow until you see **Messenger**, then tap it.

To sign in and out

1. Tap **Sign in** on the messenger screen.
2. If this is your first time to sign in, a message appears to inform you that your messenger contacts will be added to the contact list on your device. Tap **OK** to add them.

   Signing in may take several minutes, depending on your connection speed.
3. To sign out, tap **Menu > Sign Out**.

To start and end conversations

1. In the contact list, select a contact then tap **Send IM** to open a message screen.
2. Enter your text message in the text entry area of the message screen.
3. To add an emoticon, tap **Menu > Add emoticon** then tap an icon from the list of emoticons.
4. Tap **Send**.
5. To end a conversation with the current contact, tap **Menu > End conversation**.

Tips

- To send a file, tap **Menu > Send**. You can choose to send a picture, voice clip or any file.
- To invite one or more contacts to the conversation, tap **Menu > Options > Add participant**.
- To send a voice message, tap Voice Clip on a message screen then start talking. After you have spoken a message, tap **Send**.

Add Windows Live contacts

You can add new Windows Live contacts in Live Messenger or in Contacts.

To add a Windows Live contact in Live Messenger

1. Tap **Menu** > **Add new contact**.
2. Enter the e-mail address of the contact then tap **OK**.

To add a Windows Live contact in Contacts

1. Tap **Start** > **Contacts**.
2. Tap **New** then tap **Windows Live**.
3. In the **IM** box, enter the e-mail address of the contact, which can be a Windows Live ID or any other e-mail address.

   Tip You can fill in other information about the contact, if desired. This is not absolutely necessary if you will communicate with the contact only through Windows Live Messenger or Live Mail.
4. Tap **OK**.
5. Follow the remaining instructions to add the new contact to your Windows Live contact list.

10.5 Bluetooth

Bluetooth is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about eight meters without requiring a physical connection.

Bluetooth modes

Bluetooth on your device operates in three different modes:

- **On**. Bluetooth is turned on. Your device can detect other Bluetooth-enabled devices, but not vice versa.
- **Off**. Bluetooth is turned off. In this mode, you can neither send nor receive information using Bluetooth. Turn off Bluetooth when not in use to conserve battery power, or in places where using a wireless device is prohibited, such as on board an aircraft and in hospitals.
- **Visible**. Bluetooth is turned on, and all other Bluetooth-enabled devices can detect your device.

Note By default, Bluetooth is turned off. If you turn it on, then turn off your device, Bluetooth also turns off. When you turn on your device again, Bluetooth automatically turns on.

To turn Bluetooth on and make your device visible

1. On your device, tap **Start** > **Settings** > **Connections** tab > **Bluetooth** > **Mode** tab.
2. Select the **Turn on Bluetooth** and **Make this device visible to other devices** check boxes.
3. Tap **OK**.

Bluetooth partnerships

A Bluetooth partnership is a relationship that you create between your device and another Bluetooth-enabled device in order to exchange information in a secure manner.

To create a Bluetooth partnership

1. On your device, tap **Start** > **Settings** > **Connections** tab > **Bluetooth**.
2. On the **Devices** tab, tap **Add new device**. Your device searches for other Bluetooth devices and displays them in the box.
3. Tap the desired device name in the box, then tap **Next**.
4. Specify a passcode to establish a secure connection. The passcode can be 1 up to 16 characters.

5. Tap **Next**.
6. Wait for the paired device to accept the partnership. The receiving party needs to enter the same passcode that you specified.
7. The name of the paired device is then displayed. You may edit and enter a new name for that device.
8. Select the check boxes of services that you want to use from the paired device.
9. Tap **Finish**.

Note Creating a Bluetooth partnership between two devices is a one-time process. Once a partnership is created, the devices can recognize the partnership and exchange information without entering a passcode again.

To accept a Bluetooth partnership

1. Ensure that Bluetooth is turned on and in visible mode.
2. Tap **Yes** when prompted to establish a partnership with the other device.
3. Enter a passcode (the same passcode that is entered on the device requesting the partnership) to establish a secure connection. The passcode must be between 1 and 16 characters.
4. Tap **Next**.
5. Tap **Finish**. You can now exchange information with the paired device.

Tips
- To rename a Bluetooth partnership, tap and hold the partnership's name on the **Devices** tab of the Bluetooth Settings screen, then tap **Edit**.
- To delete a Bluetooth partnership, tap and hold the partnership's name on the **Devices** tab, then tap **Delete**.

Connect a Bluetooth hands-free or stereo headset

For hands-free phone conversations, you can use a Bluetooth hands-free headset such as a car kit with your device. Your device also supports A2DP (Advanced Audio Distribution Profile) which allows you to use a Bluetooth stereo headset for hands-free phone conversations and for listening to stereo music.

To connect a Bluetooth hands-free or stereo headset

1. Make sure that both your device and the Bluetooth headset are turned on and within close range, and that the headset is visible. Refer to the manufacturer's documentation to find out how to set the headset in visible mode.
2. Tap **Start > Settings > Connections** tab.
3. Tap **Bluetooth > Devices tab > Add new device**. Your device searches for other Bluetooth-enabled devices and displays them.
4. Tap the name of the Bluetooth headset, then tap **Next**. The device will automatically pair the device with the Bluetooth headset.

   Windows Mobile will automatically try one of the preconfigured passcodes (0000, 1111, 8888, 1234) to pair the Bluetooth headset with the device. If this fails, you have to enter the passcode delivered with your headset manually.
5. Tap **Done**. While the Bluetooth stereo headset is connected, the **Headset** icon ( ) will appear on the title bar.

Note If the Bluetooth stereo headset becomes disconnected, turn the headset on and repeat steps 1 to 3 above. Tap and hold the name of the Bluetooth stereo headset and tap **Set as Wireless Stereo**.

Beaming information using Bluetooth

You can beam information, such as contacts, calendar items, and tasks, as well as files from your device to your computer or to another Bluetooth-enabled device.

Note If your computer does not have built-in Bluetooth capability, you need to connect and use a Bluetooth adapter or dongle on your computer.

To beam information from your device to a computer

1. Turn on Bluetooth on your device, and make your device visible. For information about this, see "To turn Bluetooth on and make your device visible".
2. Next, set Bluetooth on your computer to visible mode, create a Bluetooth partnership, then enable your computer to receive Bluetooth beams.

   Note If the Bluetooth adapter or dongle on your computer was installed using a third-party provided driver, open the Bluetooth software that came with the Bluetooth adapter/dongle and enable the adapter/dongle to be discovered by other devices. Refer to the Bluetooth adapter's documentation for more information.

   If your computer has Windows Vista or Windows XP SP2 and your computer's Bluetooth adapter is supported by your Windows version, do the following steps:

   a. On your computer, open **Bluetooth Devices** from the Control Panel then click the **Options** tab.

   b. For **Windows Vista**, select **Allow Bluetooth devices to find this computer**.

      For **Windows XP**, select **Turn discovery on** and **Allow Bluetooth devices to connect to this computer**.

   c. Create a Bluetooth partnership between your device and computer. For information about creating a partnership, see "Bluetooth partnerships".

   d. In the **Options** tab of **Bluetooth Devices**, select **Show the Bluetooth icon in the notification area**.

   e. To enable your computer to receive Bluetooth beams, right-click the Bluetooth icon at the bottom-right of your computer screen and select **Receive a File**.
3. Now you are ready to beam. On your device, select an item to beam. The item can be an appointment in your calendar, a task, a contact card, or a file.
4. To beam a contact, tap **Menu > Send Contact > Beam**.

   To beam other types of information, tap **Menu > Beam [type of item]**.
5. Tap the device name to which you want to send the beam.
6. If you beamed a calendar, task, or contact item to your computer and it is not automatically added to Outlook, select **File > Import and Export** in Outlook to import it.

To beam information to a Bluetooth-enabled device such as another Windows Mobile powered device, follow steps 1 to 5 in the above procedure.

Tips
- The default folder on your computer where beamed items are stored may be C:\Documents and Settings\your_username\My Documents in Windows XP or C:\Users\your_username\My Documents in Windows Vista.
- For your device to receive Bluetooth beams, tap **Start > Settings > Connections** tab > **Beam** and make sure the **receive all incoming beams** check box is selected.

Bluetooth Explorer and Bluetooth file sharing

Bluetooth Explorer searches for other Bluetooth devices that have file sharing enabled and lets you access their Bluetooth shared folder. You can copy files from and to their shared folder, and create subfolders in it. When you enable **Bluetooth file sharing** on your device, other Bluetooth-enabled devices will also be able to access your Bluetooth shared folder.

To enable Bluetooth Explorer and Bluetooth file sharing on your device

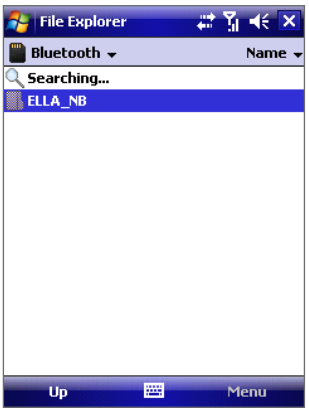
1. Tap **Start > Settings > Connections** tab **> Bluetooth > FTP** tab.
2. Select the **Enable Bluetooth Explorer** check box. This makes the **\Bluetooth** device folder visible in the File Explorer.
3. Select the **Enable File Sharing** check box.

   You can use the default Bluetooth shared folder, or tap **Browse** to use another folder as your shared folder.

Note To use the Bluetooth file sharing feature on your device, tap **Start > Settings > Connections** tab **> Beam** and make sure the **Receive all incoming beams** check box is selected. If you disable the **Receive all incoming beams** option, the **Enable File Sharing** feature will be disabled automatically.

To use Bluetooth Explorer

1. Bluetooth Explorer is integrated with the File Explorer program. You can open it by tapping **Start > Programs > Bluetooth Explorer** or by tapping Down arrow (▼) on the upper left of File Explorer then tapping **Bluetooth**.
2. Bluetooth Explorer then scans for other Bluetooth devices that have file sharing enabled. From the list, tap to select a Bluetooth device you want to connect to. You may need to enter a passcode in order for you to connect to the selected device.
3. If there are files contained in the Bluetooth shared folder on the other device, you will be able to see them on the Bluetooth Explorer screen. Select one or more files, then tap **Menu > Edit** and choose to cut or copy the files.



4. Tap **Up** twice.
5. Navigate to the folder where you want to paste the files on your device, then tap **Menu > Edit > Paste**.

Print files via Bluetooth

Connect your device to a Bluetooth printer to print contact information, appointment details, messages, and other file types.

Note You can print files in the **.txt**, **.jpg**, **.xhtml**, **.vcf**, **.vcs** file formats.

Before you start printing, make sure to turn on the Bluetooth printer and to turn on Bluetooth on your device. To turn on Bluetooth, tap **Start > Settings > Connections** tab **> Comm Manager** and then tap the **Bluetooth** button. When enabled, the ON indicator is activated.

To print contact information

1. Tap **Start > Contacts** and then select the contact whose information you want to print.
2. Tap **Menu > Print via Bluetooth**.
3. Tap **Menu > Search Device**. Your device starts to search for Bluetooth devices.
4. Select the Bluetooth printer and tap **Menu > Send File**.
5. Set the printing options you want and then tap **Print**.

To print a calendar appointment

1. Tap **Start > Calendar** and then select the appointment whose details you want to print.
2. Follow steps 2 to 5 in the "To print contact information" procedure.

To print a message

1. Tap **Start > Messaging** and then select the messaging account where the message you want to print is located.
2. Select the message you want to print.
3. Follow steps 2 to 5 in the "To print contact information" procedure.

To print a JPEG file

1. Do one of the following:
   - In **Pictures & Videos**, select the JPEG file and then tap **Menu > Print via Bluetooth**.
   - In **File Explorer**, tap and hold the JPEG file and then on the menu, tap **Print via Bluetooth**.
2. Follow steps 3 to 5 in the "To print contact information" procedure:

10.6 Using Your Device As a Modem (Wireless Modem)

While traveling, you can use your Windows Mobile powered device as a modem for your notebook. **Wireless Modem** allows you to use your device as a USB modem.

Notes
- When you activate Wireless Modem, ActiveSync will be disabled automatically.
- Make sure you have subscribed to an appropriate data plan before using Wireless Modem. Please contact your service provider for details.

Set up your device as a USB modem

Follow the steps below to set up your device as a USB modem.

1. Insert the Getting Started Disc into your CD drive. Select your language, click **Additional Tools**, and then click **Wireless Modem Driver Installation**.
2. Follow the on-screen instructions to install the USB modem driver. When installation completes, click **Exit** to close the installation program.
3. Connect your device to the computer using the USB cable.
4. On the Today screen of your device, tap **Start > Programs > WModem**.
5. On the Wireless Modem screen, select **USB** as the **Connection type**. and then tap **Menu > Start**.

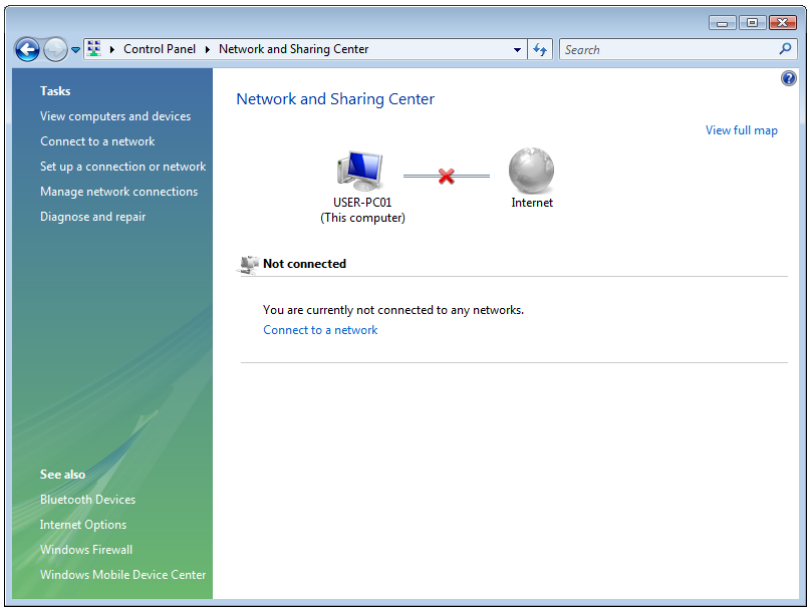
   The computer will then recognize your device as a USB modem.
6. On your computer, go to the **Control Panel** and open **Phone and Modem Options**.
7. Click the **Modems** tab. Select the new modem from the **Modems** list, then click **OK**.

Create a modem dial-up connection

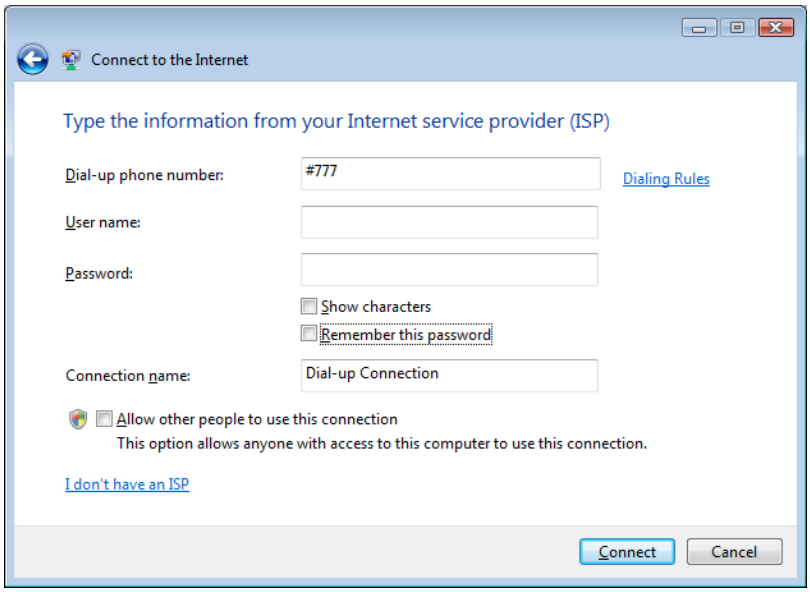
After your notebook recognizes your device as a modem, create a modem dial-up connection on your notebook.

To set up a modem dial-up connection in a Windows Vista notebook

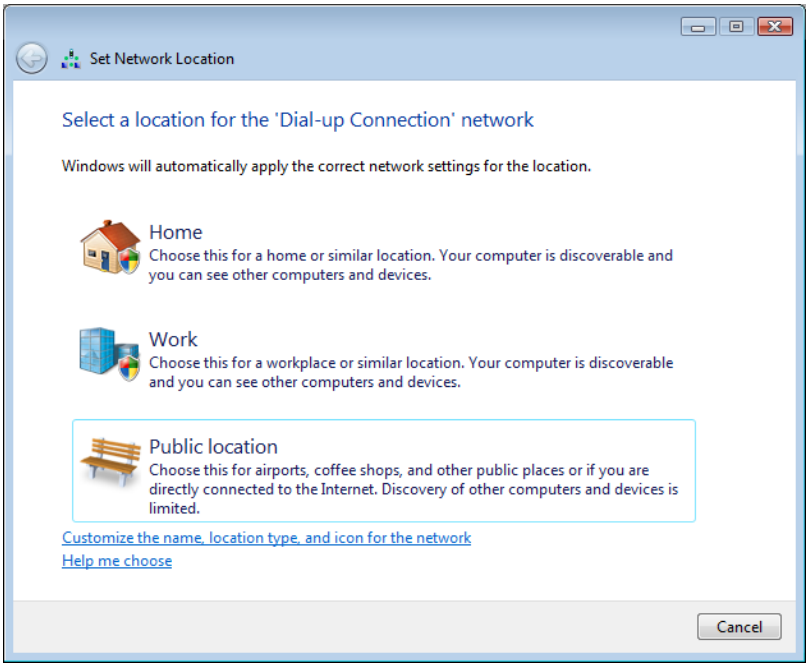
1. On your notebook, click **Start > Control Panel**.
2. Double-click **Network and Sharing Center**.
3. On the left-hand panel of the Network and Sharing Center, click **Set up a connection or network**.



4. Click **Set up a dial-up connection** then click **Next**.
5. Enter the dial-up phone number (**#777**) and leave the user name and password fields blank.

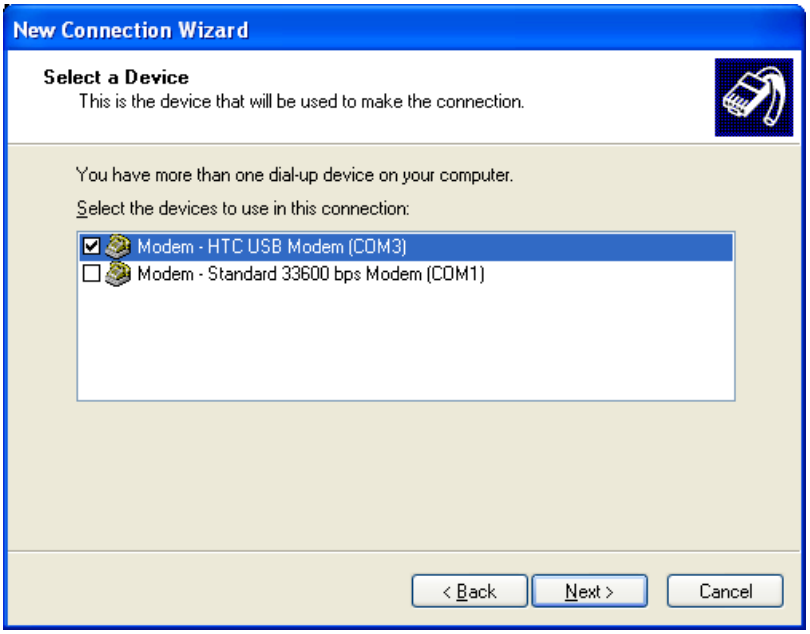


6. When you have finished entering the information, click **Connect**. Your notebook then starts to dial up to the Internet using your device as a modem.
7. When you see a dialog box that shows you are connected to the Internet, click **Close**.
8. In the Set Network Location dialog box, choose the type of location where you will use the dial-up connection.


Set Network Location
Select a location for the 'Dial-up Connection' network
Windows will automatically apply the correct network settings for the location.
Home
Choose this for a home or similar location. Your computer is discoverable and you can see other computers and devices.
Work
Choose this for a workplace or similar location. Your computer is discoverable and you can see other computers and devices.
Public location
Choose this for airports, coffee shops, and other public places or if you are directly connected to the Internet. Discovery of other computers and devices is limited.
Customize the name, location type, and icon for the network
Help me choose
Cancel

To set up a dial-up connection in a Windows XP notebook

1. On your computer, click **Start > Settings > Control Panel**.
2. Double-click **Network Connections**.
3. Click **File > New Connection**.
4. In the New Connection Wizard, click **Next**.
5. Click **Connect to the Internet** then click **Next**.
6. Select **Set up my connection manually** then click **Next**.
7. Select **Connect using a dial-up modem** then click **Next**.
8. Select the USB modem that you previously installed, then click **Next**.

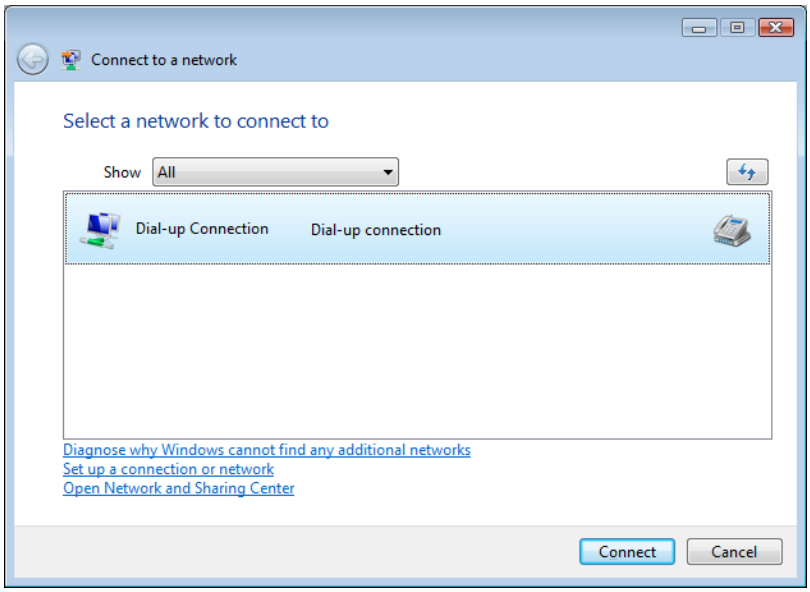

New Connection Wizard
Select a Device
This is the device that will be used to make the connection.
You have more than one dial-up device on your computer.
Select the devices to use in this connection:
Modem - HTC USB Modem (COM3)
Modem - Standard 33600 bps Modem (COM1)
< Back
Next >
Cancel

9. Enter a descriptive name for this connection, then click **Next**.
10. Enter **#777** as the dial-up phone number then click **Next**.
11. Under **Internet Account Information**, leave the user name and password fields blank then click **Next**.
12. Click **Finish** to exit the wizard.
13. The Connect dialog box then opens. Click **Dial** to dial up and connect to the Internet.

Dial up and connect to the Internet

Whenever you want to dial up to the Internet on your notebook using your device as a modem, tap **Menu > Start** in Wireless Modem of your device, then do the following steps to connect to the Internet.

1. If Wireless Modem has not yet been activated on your device, select the type of connection (USB or Bluetooth) then tap **Menu > Start**.
2. On a Windows Vista notebook, click **Start > Connect to**, select the name of the dial-up connection, then tap **Connect**.



On a Windows XP notebook, click **Start > Settings > Control Panel**, double-click **Network Connections**, then double-click the modem connection.

4. The Connect dialog box then opens. Click **Dial** to dial up and connect to the Internet.

To end the modem session

On the Wireless Modem screen, tap Done or tap **Menu > Stop**.

10.7 Using RSS Hub

RSS Hub is an RSS reader that keeps you up-to-date with the latest news from the Internet. It monitors Internet news channels and downloads the most current news updates and podcasts so you are instantly informed of breaking news and events.

For more information and tips on using RSS Hub, see Help on your device.

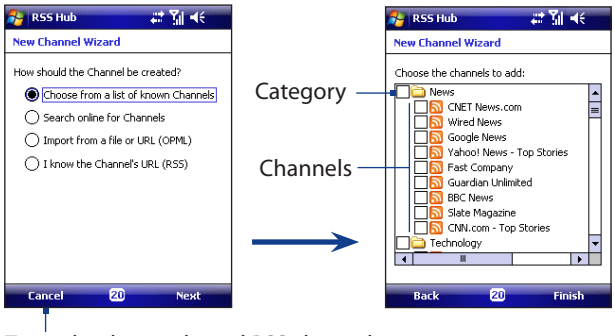
Note Make sure you have an active Internet connection before using RSS Hub.

Subscribe to and organize news channels

You must subscribe to news channels before you can receive RSS feeds.

To subscribe to news channels

1. Tap **Start > Programs > RSS Hub**, then tap **Continue**.
2. In the New Channel Wizard screen, select the **Choose from a list of known Channels** option, then tap **Next**. A list of RSS channels is displayed.



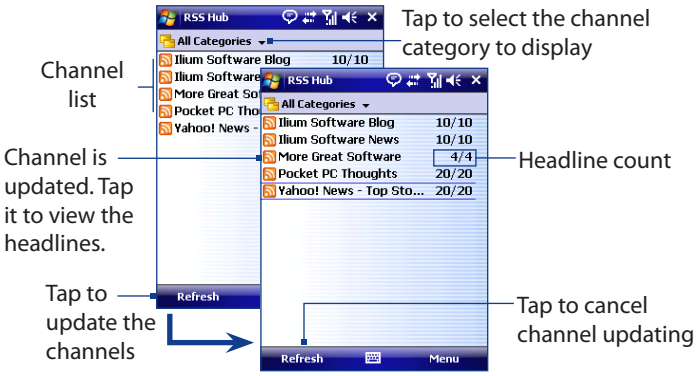
Tap to load pre-selected RSS channels.

Note If the RSS channel you want to subscribe to is not in the list of known channels, tap Back, then select another option on the New Channel Wizard screen. For more information on these other options, see the Help on your device.

3. Select the checkboxes of the RSS channels you want to subscribe to, then tap **Finish**.

   Tip Channels are grouped by categories. If you want to select all channels in a category, select the category check box.

4. The channel list appears. Tap **Refresh** to update the channels.



To add new channels

1. In the channel list, tap **Menu > Channel > New** to open the New Channel Wizard screen.
2. Select an option, then follow screen instructions to add new channels. For more information on New Channel Wizard options, see Help on your device.

To filter the channels in the display

In the channel list, tap **Menu > View**, then select:

- **Updated** to display only those channels with unread headlines.
- **All** to display all subscribed channels.

Manage channel categories

To view all the channels in a particular category, tap **All Categories** in the upper left area of the channel list, then tap the category you want to display.

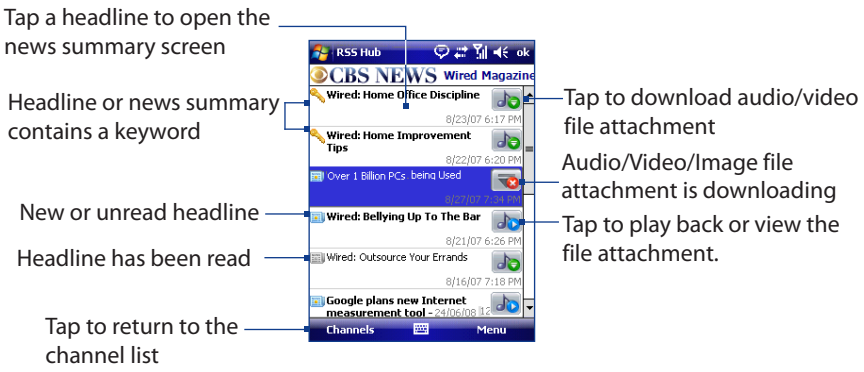
To add a new category, tap **Menu > Categories** in the channel list to display all categories, then tap **Menu > New**.

To rename or delete a category, tap **Menu > Categories** in the channel list to display all categories, select a category, then tap **Menu > Rename** or **Menu > Delete**.

If you want to change the channel category, tap and hold the channel in the channel list, then tap **Change Category**. Select a new category and tap **OK**.

View and organize headlines

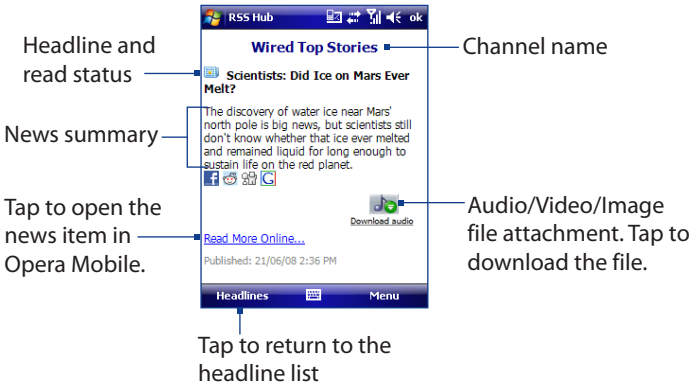
Tap a channel in the channel list to display the headlines for that channel.


Tap a headline to open the news summary screen
Headline or news summary contains a keyword
New or unread headline
Headline has been read
Tap to return to the channel list
RSS Hub
ok
CBS NEWS
Wired Magazine
Wired: Home Office Discipline
8/23/07 6:17 PM
Wired: Home Improvement Tips
8/22/07 6:20 PM
Over 1 Billion PCs being Used
8/27/07 7:34 PM
Wired: Bellying Up To The Bar
8/21/07 6:26 PM
Wired: Outsource Your Errands
8/16/07 7:18 PM
Google plans new Internet measurement tool
Channels
Menu
Tap to download audio/video file attachment
Audio/Video/Image file attachment is downloading
Tap to play back or view the file attachment.

New or unread headlines display in bold and are marked with a blue newspaper icon. Headlines that have been read are marked with a gray newspaper icon.

View the news summary

Tap a headline in the headline list to display the news summary.


Headline and read status
News summary
Tap to open the news item in Opera Mobile.
Tap to return to the headline list
RSS Hub
ok
Wired Top Stories
Scientists: Did Ice on Mars Ever Melt?
The discovery of water ice near Mars' north pole is big news, but scientists still don't know whether that ice ever melted and remained liquid for long enough to sustain life on the red planet.
Download audio
Read More Online...
Published: 21/06/08 2:36 PM
Headlines
Menu
Channel name
Audio/Video/Image file attachment. Tap to download the file.

To change view options

In the news summary screen, tap **Menu** to change the text size, fit the text to the screen (text wrap), or enable **ClearType** for better viewing.

To download, play, or save podcasts

1. When you see an audio or video file attachment in the news summary, do one of the following to download the file:
   - Tap **Menu > Podcasts > Start Download**.
   - Tap the **Download audio/Download video** link below the audio/video file icon.

Tip To cancel the file download, tap **Menu > Podcasts > Cancel Download**, or tap **Cancel download** below the audio/video file icon.

2. After downloading the file, do one of the following:
   - Tap **Menu > Podcasts > Play** or tap **Play audio/Play video** below the audio/video file icon to play back the file.
   - Tap **Menu > Podcast > Save** to save a copy of the file to the device main memory or internal storage.

To send the headline link via e-mail

1. In the news summary screen, tap **Menu > Send Link via Email**.
2. Messaging opens and displays the Account Picker screen. Tap the e-mail account you want to use to send the headline link.

   A new e-mail message is then created with the headline link.
3. Specify the e-mail recipients, then send it.

Note For more information on how to compose e-mails, see "Using E-mail" in Chapter 6.

To view the next or previous news summary

In the news summary screen, tap **Menu > Next** or **Menu > Previous**, or press NAVIGATION left or right.

For more information about the features and configuring RSS Hub, refer to the online help. To open the online help, tap **Start > Help** while in RSS Hub.

Chapter 11
Experiencing Multimedia

11.1 Camera

11.2 Camera Album

11.3 Pictures & Videos

11.4 Windows Media® Player Mobile

11.5 Audio Manager

11.6 Audio Booster

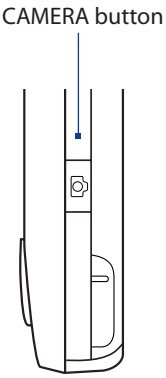
11.1 Camera

Taking photos and recording video clips along with audio are easy with your device's built-in camera.

To open the Camera screen

- Press the CAMERA button on your device; or
- Tap **Start > Programs > Camera**.

The screen orientation automatically switches to landscape mode when you open Camera.



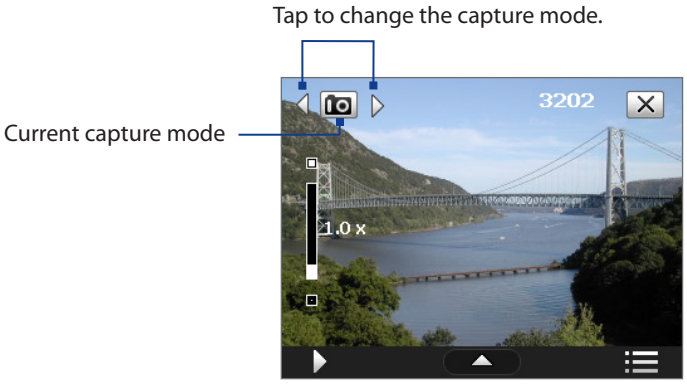
To exit the Camera

Tap the **Exit** icon ( ) on the Camera screen.

Capture modes

The camera on your device allows you to capture pictures and video clips by using various built-in modes with flexibility. The Camera mode is set to the **Photo** capture mode by default. The upper left corner of the screen displays the active capture mode.

To change the capture mode



You can also press NAVIGATION right or left to change the capture mode.

The available capture modes of the camera are as follows:

Icon	Capture Mode
	Photo: Captures standard still images.
	Video: Captures video clips, with or without accompanying audio.
	Contacts Picture: Captures a still image and gives you the option to immediately assign it as a Photo ID for a contact.
	Picture Theme: Captures still images and places them within frames.
	Panorama: Captures a sequence of still images continuously in one direction, and allows stitching of all the images to create a panoramic view of a scenery.
	Sports: Captures consecutive photo shots (3, 5, 7, or 10).
	Burst: Captures a sequence of still images (maximum 30) as long as the CAMERA button on the device or the ENTER button on the NAVIGATION CONTROL is kept pressed.

File formats supported

Using the available capture modes, the camera in your device captures files in the following formats:

Capture type	Format
Still image / Contacts Picture / Panorama / Sports / Burst	JPEG
Video	H.263+AMR-NB(.3gp), MPEG4+AMR-NB(.mp4), MPEG4+QCELP(.3g2)

Camera controls

- Press CAMERA or ENTER to take a photo or contacts picture.
- Press CAMERA or ENTER to start recording video; press it again to stop recording.
- Press CAMERA or ENTER each time when taking photos for a picture theme.
- To take consecutive shots in Sports or Panorama mode, press CAMERA or ENTER shortly, then move your device to follow the movement of your subject.
- Press and hold the CAMERA button or the ENTER button when taking consecutive shots in Burst mode.

On-screen controls and indicators

The onscreen controls and indicators disappear after about 3 seconds. To make the controls and indicators reappear, touch or tap the screen.

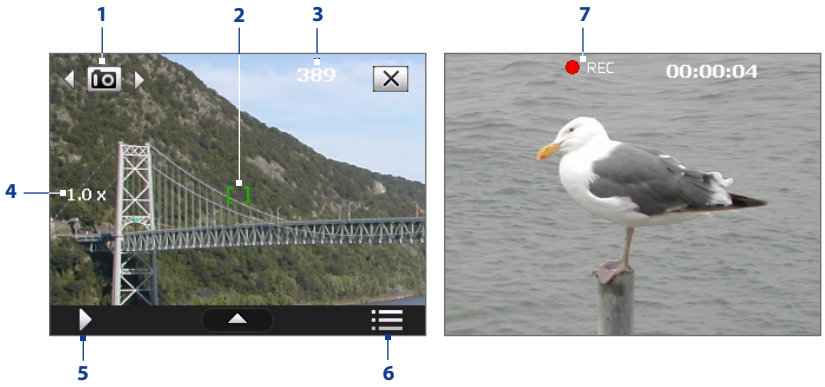


Photo mode Video mode

1 **Mode Switching control**. Tapping the left/right arrow (/) on the screen allows you to switch the capture mode.

2 **Auto-focus indicator**. Displays a flashing bracket ( ) when focusing. When focus is set, the flashing bracket changes to a steady green bracket ( ).

3 **Remaining information indicator**. In Photo, Contacts Picture, Picture Theme, Sports, and Burst modes, this shows the remaining, available shots of pictures based on current settings. In Video mode, this shows the remaining duration that can be recorded. While recording video, this shows the recorded duration.

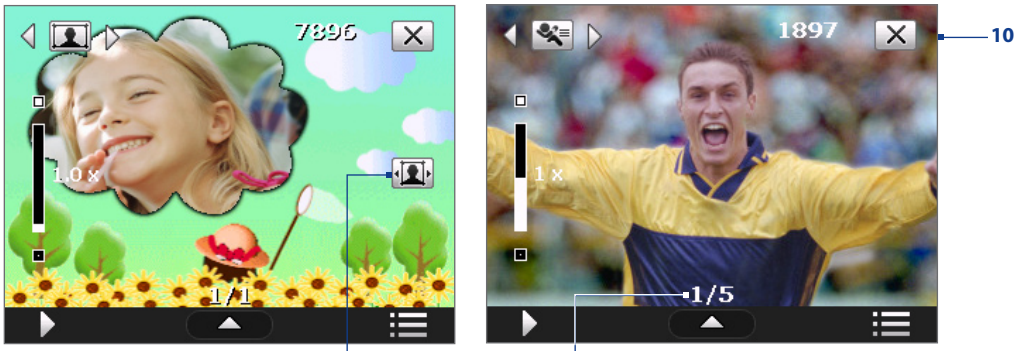
4 **Zoom control**. Tapping / on the screen allows you to zoom in or zoom out.

Note This control only appears when zooming is supported by the Resolution you have selected.

5 **Album**. Tap to open Camera Album. See "Camera Album" for details.

6 **Menu**. Tap to open the Camera Settings screen.

7 **Recording indicator**. This shows a red, flashing indicator while video recording is in progress.



Picture Theme mode

Sports mode

8 **Template Selector icon**. In Picture Theme mode, tap to toggle among the different templates.

9 **Progress indicator**. In Picture Theme, Sports and Burst modes, this shows the number of consecutive shots.

10 **Exit**. Tap ☒ to exit the Camera program.

Zooming

Before capturing a still image or a video clip, you can zoom in to make the object in focus move closer or zoom out to make the object move farther away.

Note The zoom control only appears onscreen when zooming is supported by the **Resolution** you have selected.

To zoom in

Press NAVIGATION up or tap ▣.

To zoom out

Press NAVIGATION down or tap ▣.

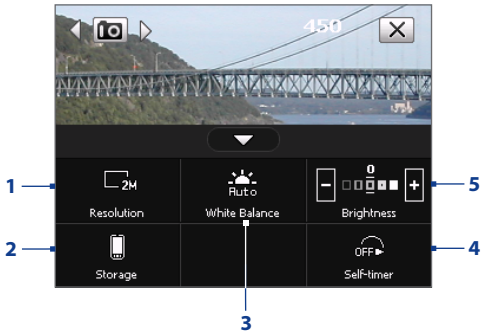
The camera zoom range for a picture or a video clip depends on the capture mode and capture size. The following table is a summary.

Capture mode	Capture size setting	Zoom range
Photo	2M (1600 x 1200)	No zooming available
	1M (1280 x 960)	1.0x to 2.0x
	Large (640 x 480)	1.0x to 2.0x
	Medium (320 x 240)	1.0x to 4.0x
	Small (160 x 120)	1.0x to 8.0x
Video	CIF (352 x 288)	1x and 2x
	Large (320 x 240)	1x and 2x
	Medium (176 x 144)	1x and 2x
	Small (128 x 96)	1x and 2x
Contacts Picture	Large (640 x 480)	1.0x to 2.0x
	Medium (320 x 240)	1.0x to 4.0x
Picture Theme	Determined by the current template	Depends on the size of the template currently loaded
Panorama	Large (640 x 480)	1x and 2x
	Medium (320 x 240)	1x, 2x and 4x
Sports	Large (640 x 480)	1x and 2x
	Medium (320 x 240)	1x, 2x and 4x
Burst	Large (640 x 480)	1x and 2x
	Medium (320 x 240)	1x, 2x and 4x

Quick Settings Panel

The Quick Settings Panel provides a quick way of adjusting the most common camera settings. Tap on the screen to open the Quick Settings Panel. Keep tapping a button on the panel, for instance, **Resolution**, to cycle through the available settings.

Note The available settings on the menu depend on the Capture mode selected.



1. **Resolution**. Available resolutions include: .
   See the table in the previous page for the detailed capture sizes.
2. **Storage**. Tap to toggle between saving captured photos or video clips on the device memory ( ) or on the storage card ( ).
3. **White Balance**. White balance settings include:
   Auto ( ), Daylight ( ), Night ( ), Incandescent ( ), and Fluorescent ( ).
4. **Self-timer**. Tap to set the Self-timer to **2 seconds**, **10 seconds**, or **Off** when in the Photo or Contacts Picture mode. When you press the CAMERA or ENTER button to capture a still image, it starts to count down, and then captures a still image after the assigned time.
5. **Brightness**. Tapping the minus/plus icon (/) decreases or increases the brightness level.

The Review screen

Review screen

After taking a still image or recording a video clip, you can view the image or video clip on the **Review screen**.

You can also tap the following icons at the bottom of the Review screen:

Icon		Function
	Back	Go back to the live Camera screen.
	Delete	Remove the captured image or video.
	Send	Send via e-mail.
	View	View the image in the Camera Album program, or play the captured video in Windows Media® Player.
	Assign to Contacts	Associate the photo to a selected contact.
	Browse	After capturing in Sports or Burst mode, the total number of consecutive shots is shown in the top right corner of the Review screen. Tap the up/down arrow to browse through the sequence of photos.

Tip You can set the Review screen duration by tapping on the Camera screen and then tapping **Advanced** tab **> Review Duration**.

Camera settings

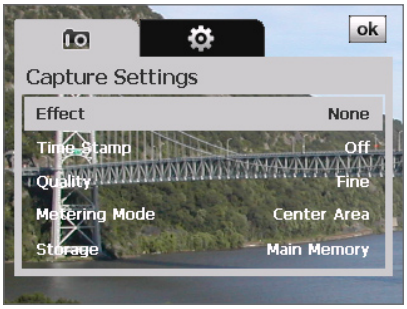
Tap the Menu icon ( ) to open the Camera Settings screen. The Camera Settings screen allows you to configure capture and camera settings.

The Camera settings consist of two tabs: **Capture Settings** and **Advanced**. Use the Capture Settings tab to adjust options for your selected capture mode. Use the Advanced tab to set the Camera program preferences.

You can either tap onscreen or press the Navigation Control buttons to navigate the Camera Settings screen.

Capture Settings tab

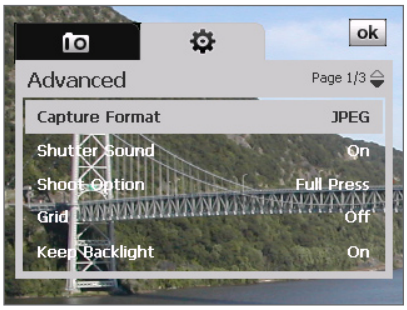
The available options in this tab depend on the capture mode selected.



- **Effect**. Choose a special effect such as Grayscale, Sepia, etc., to apply to your photos or video clips.
- **Time Stamp** (Photo, Sports and Burst modes). Choose whether or not to include the shooting date and time on captured photos.
- **Template** (Picture Theme mode). Select a template.
- **Capture Speed** (Burst and Sports modes). This determines the interval between shots. **Fast** captures consecutive shots at the shortest interval.
- **Snapshots** (Sports mode). Select the number of consecutive shots to capture.
- **Direction** (Panorama mode). Choose in what direction images will be stitched in a panorama.
- **Stitch Count** (Panorama mode). Select the number of snapshots to be taken and stitched into a panorama.
- **Quality**. Select the JPEG image quality level for all captured still images. Choose from **Basic**, **Normal**, **Fine**, and **Super Fine**.
- **Metering Mode**. Select a metering mode to allow the camera to measure the amount of light and calculate the best-fit exposure value before capturing. Choose either **Center Area** to measure light using the centre area of the image or **Average** to measure light using the area all around the image.
- **Storage**. Select where you want to save your files. You can either save the files to the main memory or to a storage card.

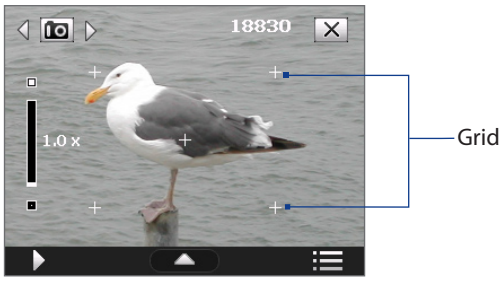
Advanced tab

The available options in this tab depend on the capture mode selected.



- **Capture Format**. Select the desired file format.
- **Shutter Sound**. Choose whether or not you want the camera to make a shutter sound when you press the ENTER or CAMERA button.
- **Shoot Option**. The camera comes with an auto-focus feature that is activated when the CAMERA or ENTER button is pressed. Selecting **Full Press** requires you to press the CAMERA button all the way to take the shot after auto-focus is set. Selecting **Half Press** automatically takes the shot after auto-focus is set.

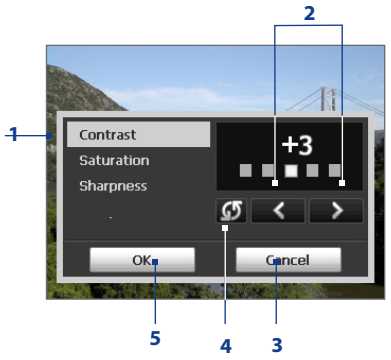
  This option only applies to the CAMERA button. Pressing the ENTER button automatically takes the shot.
- **Grid** (Photo mode only). Choose whether or not to show a grid on the Camera screen. Showing a grid helps you frame and centre your subject more easily and accurately.



- **Keep Backlight**. Turn the backlight on or off. This overrides your device backlight settings while you are using the camera.
- **Review Duration**. Set a time length for displaying the captured image/video on the Review screen. Select **No Limit** if you do not want to impose a time limit. Select **No Review** to immediately return to the live Camera screen after capturing and saving.
- **Flicker Adjustment**. When taking indoor shots, flicker on the camera screen may be caused by inconsistencies between the vertical scan rate of the camera display and the flicker frequency of fluorescent lighting. To reduce flicker, you can change the flicker adjustment setting to the proper frequency (**50Hz** or **60Hz**) of the country where your device is being used.
- **Record with Audio (Video mode only)**. Select **On** to record audio with the captured video clips, or select **Off** to capture video without audio.

- **Prefix**. When **Default** is selected as the prefix, the file name of each new captured file is set to "IMAGE" or "VIDEO" followed by a sequential number, for example: IMAGE_001.jpg. You may also choose to name files using either the current **Date** or **Date & Time** as the prefix.

  If you set the Camera to save captured photos to a storage card, the prefix cannot be selected. Captured photos will be named using the convention IMAGnnnn.jpg (where 'nnnn' is the counter) which is the DCIM (Digital Camera Images) naming standard, and will be saved to the \DCIM\100MEDIA folder on the storage card.
- **Counter**. To reset the file naming counter back to 1, tap **Reset**.
- **Recording Limit (Video mode only)**. Set the duration or file size for recording video.
- **Template Folder** (Picture Theme mode only). By default, templates are stored in the **\My Documents\ Templates** folder on the device's **Main Memory**. If you transferred some templates to a storage card (via File Explorer), set this option to **Main + Card** to specify that templates are located in both the main memory and the storage card.
- **Image Properties**. This option allows you to adjust the camera display properties, such as **Contrast**, **Saturation**, and **Sharpness**.



1 Tap a property to adjust.
2 Tap the left/right arrow icon or press NAVIGATION left/right to increase/decrease the value.
3 Tap to close the submenu without applying and saving the changes.
4 Tap to reset all properties to their default values.
5 Tap to save the settings.

- **Show Reminder** (Contacts Picture mode). Select **On** if you want the Camera to always display a message that confirms whether or not to assign the captured picture to a contact.
- **Help**. Tap to open the Camera program help file.
- **About**. Tap to view information about the Camera program.

11.2 Camera Album

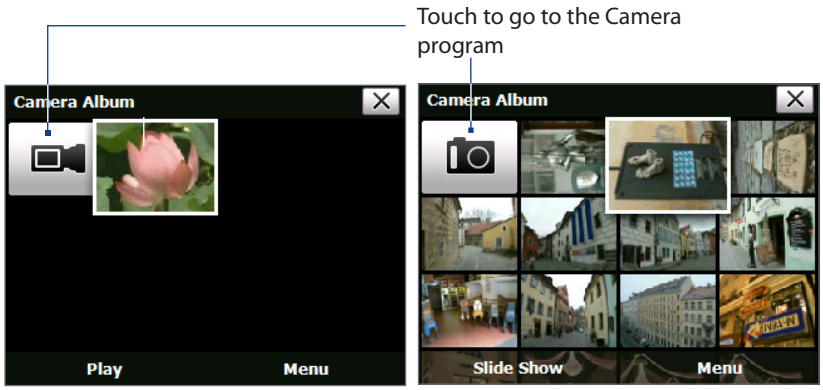
View your images and videos that you captured using the Camera program in Camera Album. Camera Album offers a host of features that let you rotate images, view your images as a slide show, use images as contact pictures, and more.

Note Only files supported by the Camera program are displayed in Camera Album. To know which file formats are supported, see "File formats supported" in the Camera section.

To open Camera Album

Do one of the following:

- Tap **Start > Programs > Camera Album**.
- In the Touch Cube, touch **Photos** or **Videos**.
- In the Camera program, tap ▶. Depending on the capture mode you are in, Camera Album will either show still images or video files in your device. For example, if you are in Photo mode, only still images will be shown in Camera Album. To view video files, switch first to Video mode before tapping ▶.



Opened from a video capture mode

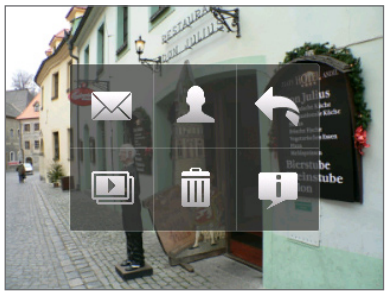
Opened from a still image capture mode

Tip If you have a lot of images in your device, scroll up or down by sliding your finger upward or downward on the touch screen.

To view an image

On the main Camera Album screen, touch the thumbnail of the image you want to view. While viewing the image, you can zoom in or rotate the image. To learn how to zoom and rotate the image, see the succeeding procedures.

While viewing an image, touch the screen to pop up the onscreen menu.

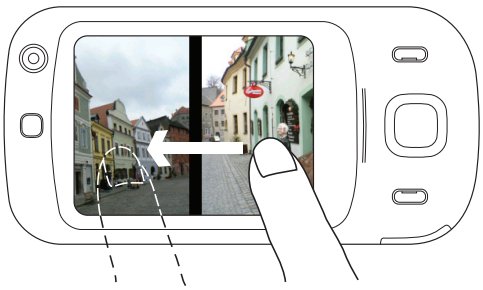


Icon	Function	Icon	Function
	Touch to send the image via one of your Messaging accounts.		Touch to start the slide show.
	Touch to assign the image as a contact picture.		Touch to delete the image.
	Touch to return to the main Camera Album screen.		Touch to show you how to use gestures when viewing photos.

While viewing an image, you can advance to the next image or go back to the previous image; rotate the image; zoom in or out on the image, and more.

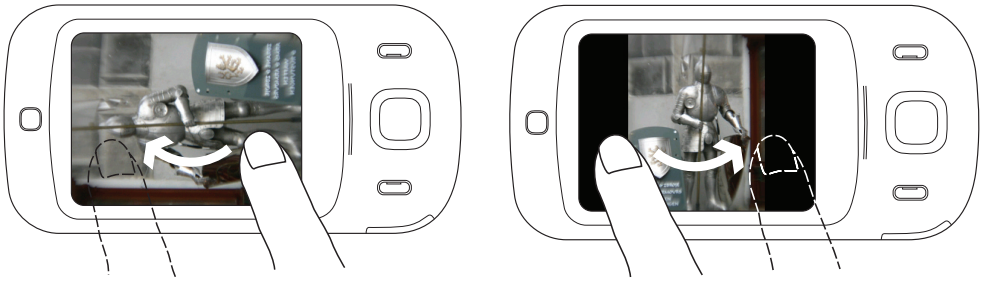
To go to the next or previous image

- Go to the next image by sliding your finger across the screen from right to left.
- Go back to the previous image by sliding your finger from left to right.



To rotate the image

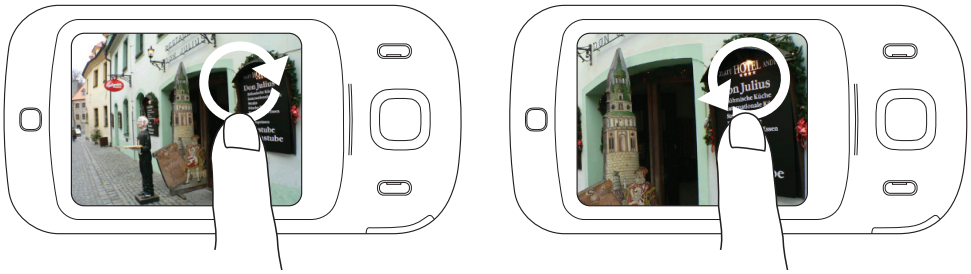
1. View the image you want to rotate.
2. With your finger, make a half-circle motion on the screen.



To zoom in or out of an image

With your finger, make a full-circle motion on the screen.

- Slide your finger clockwise to zoom in; or
- Slide your finger counter-clockwise to zoom out.

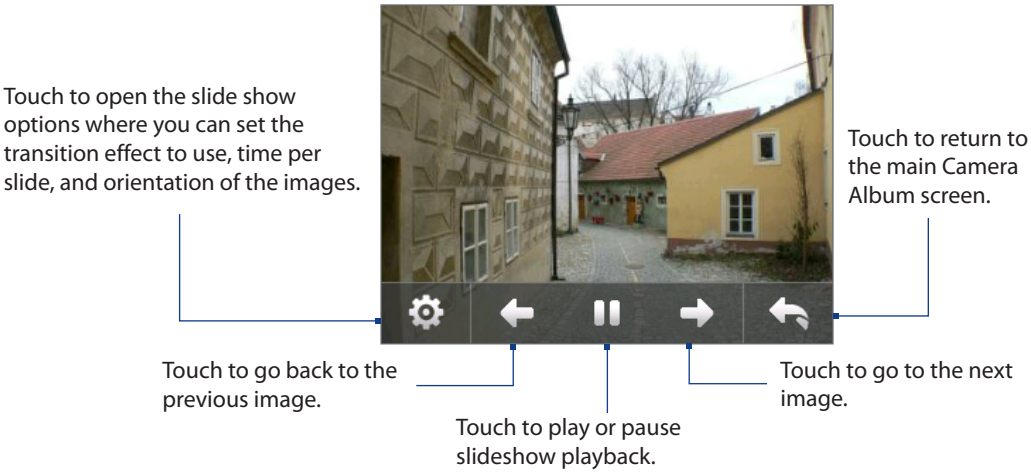


Tips

- When you zoom in on an image, you can double tap the screen to automatically zoom out and fit the image to the screen.
- When you zoom in on an image, touch and hold the screen so you can pan the image.

To view the images as a slide show

On the Camera Album screen, touch **Slide Show**. While viewing the slide show, touch the screen to show playback controls.


Touch to open the slide show options where you can set the transition effect to use, time per slide, and orientation of the images.
Touch to return to the main Camera Album screen.
Touch to go back to the previous image.
Touch to play or pause slideshow playback.
Touch to go to the next image.

To play back video files

On the main Camera Album screen, touch the thumbnail of the video file you want to play back. Windows Media Player then plays back the file.

Tip You can also select the video file and tap **Play** to play back the file in Windows Media Player.

To close Camera Album and go to the Camera program

Go back to the main Camera Album screen and touch or .

To close Camera Album

When you open Camera Album from **Start > Programs**, you can close Camera Album by going back to the main Camera Album screen and tapping .

Note When you open Camera Album from the Camera program, tapping takes you back to the Camera program.

11.3 Pictures & Videos

Pictures & Videos allows you to manage the following types of media files on your device:

File Type	File Extensions
Image	*.bmp, *.jpg, *.gif, *.png
GIF animation	*.gif
Video	*.avi, *.wmv, *.mp4, *.3gp, *.3g2
Audio	*.wma

To open Pictures & Videos

Tap **Start > Programs > Pictures & Videos**.

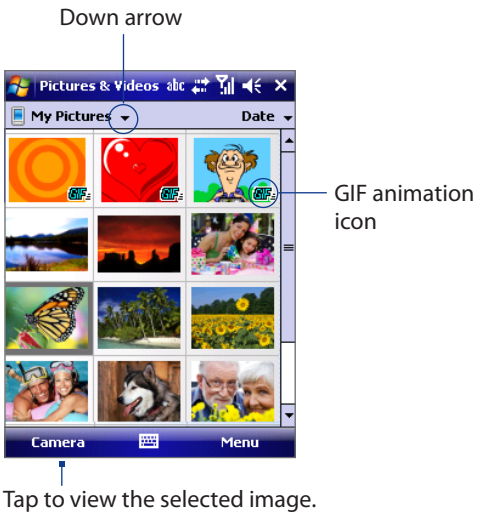
To copy media files to your device

- Copy pictures and GIF animation files from your PC or a storage card to the My Pictures folder on your device.
- Copy video files to the My Videos folder.

For more information about copying and managing files on your device, see Chapter 9.

To view pictures

1. The images in the My Pictures folder appear as thumbnails by default.
2. Select a picture and tap **View**. If you cannot find a picture in the default My Pictures folder, go to another folder by tapping the Down arrow ( ).



To play GIF animation files

1. Select a GIF animation file (marked with a GIF icon) and tap **View**.
2. The GIF Animation program then opens and plays the animation.

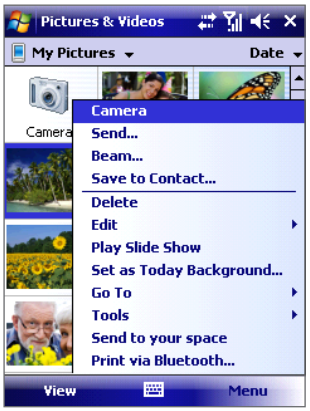
To play videos

1. By default, the contents of the My Pictures folder will be shown.
2. To find the video clips that you captured, tap the down arrow ( ) next to the My Pictures folder and tap **My Documents > My Videos.** Video clips are displayed as thumbnails by default, which appear with a media icon ( ).
3. Tap to select a video and play it in Windows Media® Player Mobile.

Pictures & Videos menu

Select a media file and then tap **Menu** to choose from a list of options that you can do with the selected media file.

You can send the selected media file via one of your messaging accounts or beam it to another device. If you selected a picture, you can associate it to a contact, set it as your Today screen background, send it to your Windows Live Space account, and more. You can also view the images in the My Pictures folder as a slide show.



To edit a picture

You can rotate, crop, and adjust the brightness and color contrast of your pictures.

1. On the Pictures & Videos screen, tap the picture you want to edit.
2. Tap **Menu > Edit**, and do any of the following:
   - To rotate a picture 90 degrees clockwise, tap **Rotate**.

- To crop a picture, tap **Menu > Crop**. Next, tap and drag to select the area to crop. Tap inside the box to crop, or tap outside the box to cancel cropping.
- To adjust the brightness and contrast levels of a picture, tap **Menu > Auto Correct**.

Note To undo an edit, tap **Menu > Undo**. To cancel all unsaved edits you made to the picture, tap **Revert to Saved**.

11.4 Windows Media® Player Mobile

You can use Windows Media® Player Mobile to play digital audio and video files that are stored on your device or on a network, such as on a Web site.

Video File Formats Supported	File Extensions
Windows Media Video	.wmv, .asf
MPEG4 Simple Profile	.mp4
H.263	.3gp, .3g2
H.264	.mp4, .3gp, .3g2, .m4v
Motion JPEG	.avi

Audio File Formats Supported	File Extensions
Windows Media Audio	.wma
WAVE	.wav
MP3	.mp3
MIDI and SP MIDI	.mid, .midi, .rmi
AMR Narrow Band	.amr, .3gp
AMR Wide Band	.awb, .3gp
AAC, AAC+ and eAAC+	.aac, .mp4, .m4a, .3gp
MPEG4 audio	.m4a
QCELP	.qcp, .3g2
EVRC	.qcp

To open Windows Media® Player Mobile

Tap **Start > Programs > Windows Media**.

About the controls

The following are available controls on the Windows Media® Player Mobile.

About the screens and menus

Windows Media® Player Mobile has three primary screens:

- **Playback screen**. The screen that displays the playback controls (such as Play, Pause, Next, Previous, and Volume) and the video window. You can change the appearance of this screen by choosing a different skin.
- **Now Playing screen**. The screen that displays the Now Playing playlist. This special playlist indicates the current file being played and any files that are "queued up" to play next.
- **Library screen**. The screen that lets you quickly find your audio files, video files, and playlists. It contains categories such as My Music, My Videos, My TV, and My Playlists.

At the bottom of each screen, you can open a **Menu**. The commands on this menu vary, depending upon which screen you are viewing. For more information about the commands in these menus, see Help on your device.

Synchronize video and audio files

Use the latest version of Windows Media® Player on your PC to synchronize digital media files from your PC to your device. This ensures that protected files and album art (for skins) are copied to your device correctly.

To synchronize content to your device automatically

1. On your PC, start Windows Media® Player and then connect your device to your PC.
2. In the Device Setup Wizard, select **Yes, search my computer now**.

   If you have previously opened Windows Media® Player and searched for media on your computer, you will not be prompted to search your computer.
3. You will then see the name of your device (or "Storage Card" if you have inserted one on your device). Click **Finish**.
4. On the left panel of Windows Media® Player, right-click the name of your device then click **Set Up Sync**.

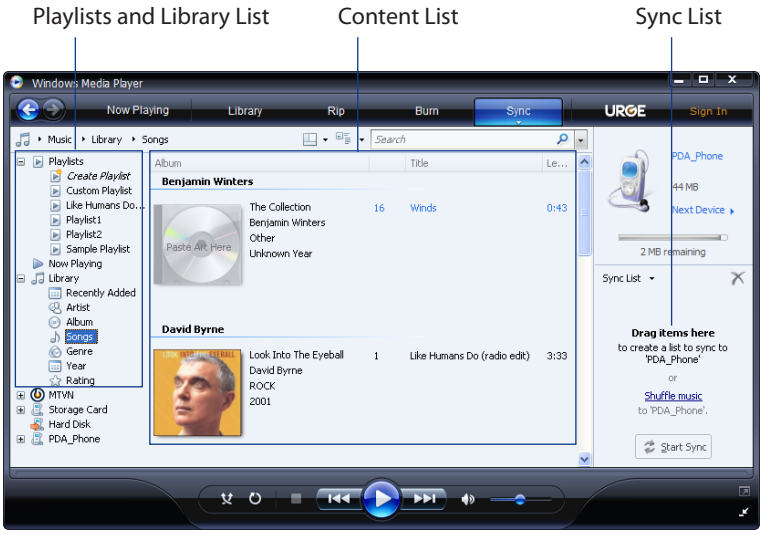
   To set up media synchronization on a storage card, right-click **Storage Card** in the left panel of Windows Media® Player, then click **Set Up Sync**.
5. On the Device Setup dialog box, select **Sync this device automatically**.
6. Select the playlist(s) that you want to sync between your PC and device, then click **Add**.
7. Click **Finish**.

The files begin synchronizing to your device. The next time you connect your device to your PC while Windows Media® Player is running, synchronization will start automatically.

To synchronize content manually to your device

1. If you have not set up media synchronization between your device and PC, follow steps 1 to 3 in "To synchronize content to your device automatically".
2. Click the **Sync** tab on the Windows Media® Player of your PC. Select a Playlist or a Library on the left panel of the Windows Media® Player.
3. From the Content List, drag the media files that you want to sync to your device and drop them to the Sync List.
4. Click **Start Sync** to start synchronizing the selected files to your device.

Notes
- Use Windows Media® Player 11 or higher on your PC to synchronize media files to your device.
- Audio files copy faster if Windows Media® Player is configured to automatically set the quality level for audio files copied to your device. For more information, see the Windows Media® Player Help.



Play media

Use the Library to find and play songs, videos, and playlists that are stored on your device or removable storage card.

To update the Library

1. If you are not on the Library screen, tap **Menu > Library**.
2. On the Library screen, tap the Library arrow (near the top of the screen), then tap the media storage that you want use, for example, Storage Card.
3. In most cases, Windows Media® Player Mobile automatically updates the library. However, you can manually update the library to ensure that it contains new files that you recently copied to your device or storage card. Tap **Menu > Update Library** to manually update the library list.

To play video and audio files on your device

1. Select a category (for example, My Music or My Playlists).
2. Tap and hold the item that you want to play (such as a song, album, or artist name), then tap **Play**.

Tips

- To play a media file that is stored on your device but is not in a library, on the Library screen, tap Menu > Open File. Tap and hold the item that you want to play (such as a file or a folder), then tap Play.
- To play a media file from the Internet or a network server, tap **Menu > Library** then tap **Menu > Open URL**.

Playlists

In Windows Media® Player Mobile, you can create a new playlist by saving the current Now Playing playlist and giving it a new name.

To save a new playlist

1. If you are not on the Library screen, tap **Menu > Library**.
2. Tap to select a category (for example, My Music or My Playlists).
3. Select a media file that you want, then tap **Menu > Queue Up**. This adds the file to the Now Playing list.

   Repeat this step until you have added all desired media files to the Now Playing list. Please note that you cannot select multiple files simultaneously.
4. After adding the media files, tap **Menu > Now Playing**.
5. On the Now Playing screen, tap **Menu > Save Playlist**.

6. Enter the playlist name then tap **Done**.
7. To play back the playlist you created, tap My Playlists in the Library, select your playlist, then tap **Play**.

6. Enter the playlist name then tap **Done**.
7. To play back the playlist you created, tap My Playlists in the Library, select your playlist, then tap **Play**.

Troubleshooting

If you encounter a problem while using the Windows Media® Player Mobile, a number of resources are available to help you troubleshoot the issue.

For more information, see the Troubleshooting Windows Media® Player Mobile page at the Microsoft Web site (http://www.microsoft.com/windows/windowsmedia/player/windowsmobile/troubleshooting.aspx).

11.5 Audio Manager

Audio Manager is a music browser and player in one. It gives you access to all the music files on your device, and allows you to easily browse for the music that you want to play by organizing music into categories such as title, artist, album, and more. You can also create playlists of your favorite songs and use the integrated **Music Player** to play them back.

To launch Audio Manager

Tap **Start > Programs > Audio Manager**.

Notes

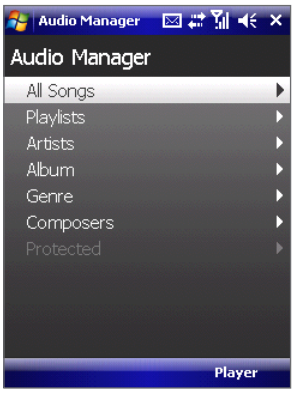
- Audio Manager searches for all music files stored on your device memory and memory card that have the following audio formats: MP3 (.mp3), WMA (.wma), and AAC/AAC+ (.aac). It will search in the following locations:

Device: My Music (including all subfolders)
\My Documents (including all subfolders)
Storage card: \Storage Card (including all subfolders)

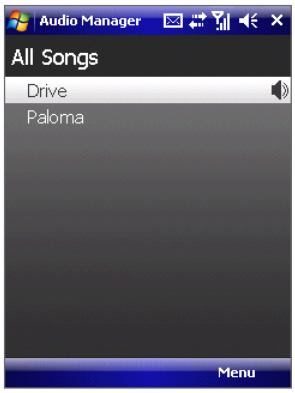
- Music files are categorized under **Artists**, **Album**, **Genre**, or others if such metadata is found in the files.

Library

On the Audio Manager's **Library** screen, an arrow that appears in an item indicates that there is a submenu available. Tap the item name to open the submenu.



Library: Main screen



Library: All Songs screen

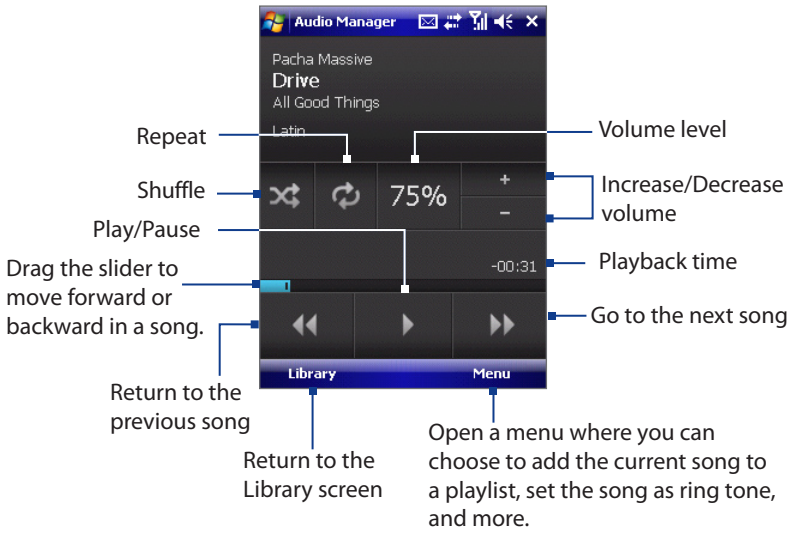
When you tap a category on the Library's Main screen, you will see more submenus which may have deeper levels of menus. For example, when you tap **Artists**, another level of submenus will be listed showing artist names. When you tap an artist name, more submenus showing album names will be displayed. Keep opening the submenus until you reach the level where song titles can be selected for playback.

Music files that are protected by Digital Rights Management (DRM) will be listed under the **Protected** category. A lock icon shown before song titles indicates that the music files are protected. Select a file, then tap **Info** if you want to view file information. A cross-marked lock icon shown before song titles indicates that the rights for the music files have expired, and you will not be able to play them. Tap **Delete** if you want to delete these files.

Note Audio Manager keeps track of the last submenu that you accessed. When you exit Audio Manager and open it again, it will display the last submenu that you were in. Keep tapping the submenu name at the top of the screen until you reach the Library's main screen.

Music Player

When you select a music in the Library, **Music Player** opens and automatically plays it. Use the available buttons to control the playback.

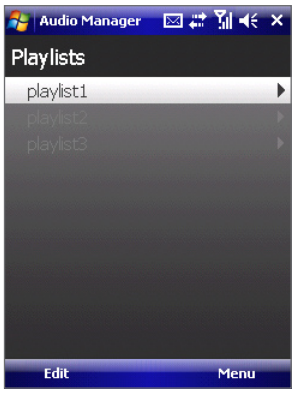


Playlists

The Playlists screen shows the current playlists that are found on the device memory and memory card.

There are two types of playlists that will be shown on the Playlist screen:

- **Windows Media® Player** playlists. These are playlists that are in Windows Media® Player Mobile's Library (which is synchronized with Windows Media® Player on your computer), and these are indicated by the Windows Media® Player icon ( ). These can be played in Audio Manager's Music Player but cannot be edited.
- **Custom playlists**. These are playlists that are created in Audio Manager and can be edited



Notes • Audio Manager will search for playlists in the following locations:

Device: \Playlists

\Application Data\HTC\AudioManager\playlists

Storage card: \Storage Card\Playlists

• If a Windows Media® Player playlist contains a combination of music, video and image files, Audio Manager accesses the music files only and filters out the other media types.

To create a playlist

1. On the Library's Main screen, tap **Playlists**.
2. On the Playlists screen, tap **Menu > New.**
3. Enter a **Playlist name**, then tap **OK**.
4. On the Playlists screen, tap the playlist you have just created, then tap **Edit**.
5. Tap **Menu > Add**.
6. Tap the check boxes to select the songs you want to add to the playlist, or tap **Menu > Select All** to choose all the songs.
7. Tap **OK** three times to return to the Playlists screen.

To play back a playlist

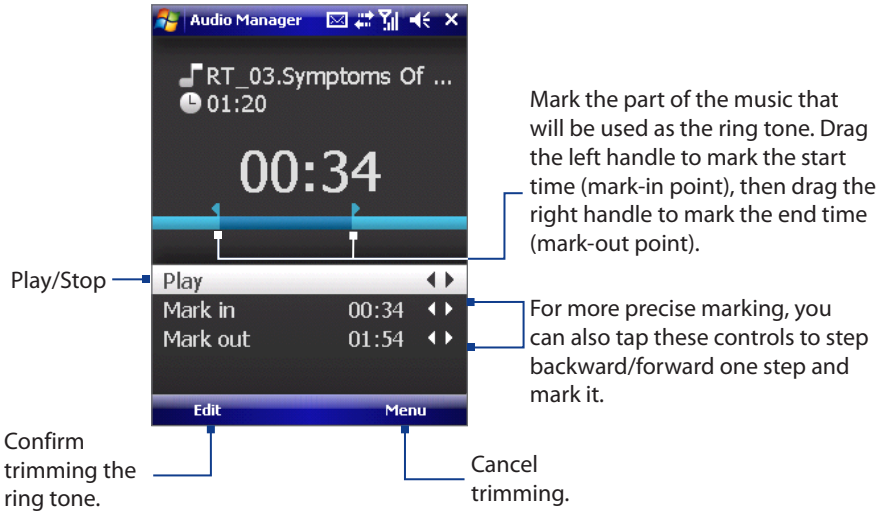
1. On the Playlists screen, tap to select a playlist.
2. Tap the first song in the selected playlist. Music Player automatically opens and starts playing the first song. After each song, the next one in the playlist will be played.

Note The playlists' contents are not automatically updated when music files have been deleted from the device memory or storage card. Music Player will display a notification message when music files in a playlist cannot be found.

Set music as ring tone

You can set your favorite music as a ring tone for your device.

1. Use NAVIGATION to select a song in the Library or tap a song to play it in Music Player, then tap **Menu > Set as Ring Tone**.
2. If the selected music is an MP3 file, tap **Trim** if you want to trim the file first to make it shorter.


Audio Manager
RT_03.Symptoms Of ...
01:20
00:34
Play
Mark in 00:34
Mark out 01:54
Edit
Menu
Play/Stop
Mark the part of the music that will be used as the ring tone. Drag the left handle to mark the start time (mark-in point), then drag the right handle to mark the end time (mark-out point).
For more precise marking, you can also tap these controls to step backward/forward one step and mark it.
Confirm trimming the ring tone.
Cancel trimming.

3. Tap **Set as Default Ring Tone**.

   Tip If you only want to save the song to the ring tone folder for future use, tap **Save to Ring Tone Folder**. Later on, you can tap **Start > Settings > Personal** tab > **Phone** to set it as your ring tone.

4. Tap **OK** when a confirmation message appears.

11.6 Audio Booster

Audio Booster enhances your music experience by providing you with controls for adjusting sound settings while you are listening to music. It adds 3D sound, treble and bass effects, and provides controls for adjusting them. It even has an equalizer with presets as well as a control panel for fine tuning sound.

To access Audio Booster

Tap **Start > Programs > Audio Booster**.

Note You need to connect a headset to the device to open Audio Booster.

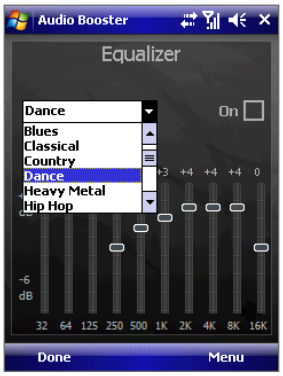
1. **Equalizer presets** Tap to choose the Equalizer preset to use.
2. **Done** Tap to apply the modified settings.
3. **Menu** Tap **Menu > Cancel** to exit Audio Booster without applying the modified settings. Tap **Menu > Save as Preset** or **Delete Preset** to save or delete preset equalizer settings.
4. **Frequency band** Drag the sliders to adjust the frequency.
5. **On** Select the check box to enable or disable the equalizer.

Equalizer

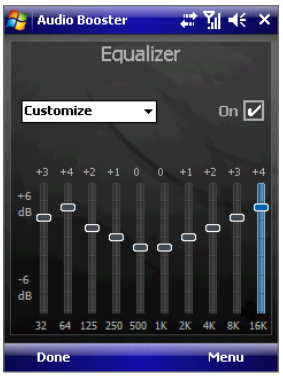
The **Equalizer** optimizes sound for a better listening experience. It provides preset moods, such as hip hop, jazz, rock, etc., and several enhancement presets that suit different types of music. It also has a 10-band graphic equalizer that lets you adjust the loudness of sound by frequency.

To apply a preset

1. Select the **Equalizer** check box to enable the equalizer.
2. Tap the Equalizer drop-down menu, then select a desired preset.



To create a custom equalizer preset



1. Select the **Equalizer** check box to enable the equalizer.
2. Tap .
3. Adjust the frequency bands to your desired values by dragging the equalizer controls. The selected values are indicated on top of the sliders.
4. Save your equalizer settings as a preset by tapping **Menu** > **Save as Preset**.
5. Enter a preset name then tap **Done**.

The preset you created will be added to the list box.

To delete a custom equalizer preset

1. Select the **Equalizer** check box then tap .
2. Tap the Equalizer drop-down menu, then select the preset you want to delete.
3. Tap **Menu** > **Delete Preset**.

Note You can only delete custom equalizer presets. Equalizer presets that are pre-installed cannot be deleted.

Chapter 12
Managing Your Device

12.1 Adding and Removing Programs
12.2 Using Task Manager
12.3 Resetting Your Device
12.4 Managing Memory
12.5 Windows Update
12.6 Battery Saving Tips

12.1 Adding and Removing Programs

Before you purchase additional programs for your device, make sure that they are compatible with your device.

To add programs

1. Download the program to your PC (or insert the CD or disk that contains the program into your PC). You may see a single ***.exe** file, a ***.zip** file, a Setup.exe file, or several versions of files for different device types and processors. Be sure to select a program designed for your device and processor type.
2. Read any installation instructions or documentation that comes with the program. Many programs provide special installation instructions.
3. Connect your device to the PC.
4. Double-click the ***.exe** file.

To remove programs

1. Tap **Start > Settings > System** tab **> Remove Programs**.
2. In the **Programs in storage memory** list, select the program you want to remove, and tap **Remove**.

12.2 Using Task Manager

Task Manager lets you view and stop running programs, configure the ✕ button, and enable the Quick Menu on the Today screen.

To open Task Manager

Do one of the following:

- Tap the **Quick Menu** button on the top right corner of the Today screen to open the Quick Menu, then tap .
- Tap **Start** > **Settings** > **System** tab > **Task Manager**.

To switch back to a running program

Do one of the following:

- Tap the program name in the Quick Menu.
- On the Task Manager screen, tap and hold the program name in the **Running** tab, then tap **Activate**.

To configure the Exit (✕) button

You can configure the **Exit** button to shut down running programs when the button is tapped, or to just temporarily close the program screen but keep the program running.

1. On the Task Manager screen, tap the **Button** tab.
2. Select the **Enable the "X" button to end running programs** check box.

   When the **Enable the "X" button to end running programs** check box is not selected, tapping the **Exit** button will only close a program screen. The program is not ended and continues to run in the background.
3. Choose the action for shutting down programs (by tapping the ✕ button, tapping and holding the button, or both).
4. Tap **OK**.

To close running programs from the Task Manager

1. Tap the **Running** tab.
2. Do one of the following:
   - Select the check box of the programs that you want to close, and then tap **Stop Selected** to close them.
   - Tap **Stop All** to close all programs in the list.
   - Tap **Menu > Stop All but Selected** to close all programs except for those whose check boxes are selected.

Tip You can also close running programs from the Quick Menu on the Today screen. See "Quick Menu" in Chapter 1 for details.

To add a running program to the exclusive list

If you add a running program to the **Exclusive Programs List**, it will not be closed when you tap **Stop Selected** or **Stop All** and will not be listed in the Quick Menu on the Today Screen.

1. On the Task Manager screen, tap the **Running** tab.
2. Tap and hold the program name in the list, then tap **Add Exclusive**.

Tip To remove a program from the exclusive list, tap the **Exclusive** tab, select the check box of that program, then tap **Remove**.

To set the sorting preference for running programs in the Quick Menu

1. On the Task Manager screen, tap the **Advanced** tab.
2. Choose whether to sort according to **Program name** or **Memory usage**. The list will be sorted in ascending order.

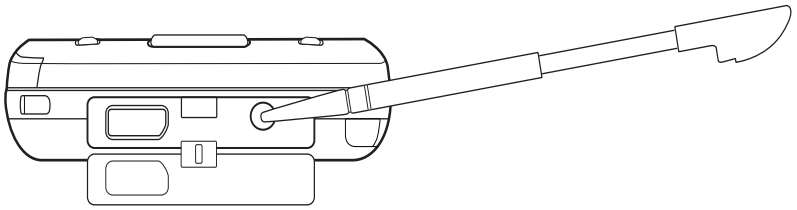
12.3 Resetting Your Device

Soft reset

Occasionally, you may need to reset your device. A soft (or normal) reset of your device clears all active program memory and shuts down all active programs. This can be useful when your device is running slower than normal, or a program is not performing properly. A soft reset is also necessary after the installation of some programs. If a soft reset is performed when programs are running, unsaved work will be lost.

To perform a soft reset

Open the rubber cover at the bottom of the device and then with the stylus, press the RESET button. Your device restarts and dispalys the Today screen.



Hard reset

You can also perform a hard reset (also known as a full reset). A hard reset should be performed only if a normal reset does not solve a system problem. After a hard reset, the device is restored to its default settings - the way it was when you first purchased it and turned it on. Any programs you installed, data you entered, and settings you customized on your device will be lost. Only Windows Mobile® software and other pre-installed programs will remain.

To perform a hard reset

1. Press and hold the TALK and END buttons, and at the same time, use the stylus to press the RESET button at the bottom of your device.
2. Release the stylus, but continue pressing the TALK and END buttons until you see the following message on the screen:

```
This operation will delete all
your personal data, and reset
all settings to the manufacturer
default settings. Press Enter to
restore manufacturer defaults, or
press any other button to cancel.
```

3. Release the TALK and END buttons, and then press ENTER on your device.

Warning Your device will be set back to factory default settings. Please ensure any additional installed programs and/or user data have been backed up before a hard reset is performed.

Important If Encrypt files placed on storage cards is or was enabled before, then backup all files from the storage card before using Clear Storage, hard reset or updating the ROM system software. Otherwise you will no longer be able to access the encrypted files on the storage card. Use ActiveSync or Windows Mobile Device Center to transfer files between your storage card and computer. After the procedure, copy your files back to the storage
card.

Clear Storage

Another way of clearing the device storage and reset all settings back to factory default settings is to use the **Clear Storage** feature. You will lose all your data and files on the device storage when you use Clear Storage, so make sure to do a backup first.

1. Tap **Start** > **Settings** > **System** tab > **Clear Storage**.
2. Enter "**1234**" then tap **Yes**.

12.4 Managing Memory

To see how much memory is available for use, tap **Start** > **Settings** > **System** tab > **Memory**. On the **Main** tab, the amount of memory allocated to file and data storage versus program storage is displayed, as well as the amount of memory in use versus the available memory.

To see available storage card memory, tap **Start** > **Settings** > **System** tab > **Memory** > **Storage Card** tab.

If your device is running low on memory, try the following to free memory on your device:

- Close programs you are not currently using.
- Move e-mail attachments to a storage card.
- Move files to a storage card. Tap **Start** > **Programs** > **File Explorer**. Tap and hold the file, and tap **Cut**. Browse to the storage card folder and tap **Menu** > **Edit** > **Paste**.
- Delete unnecessary files. Tap **Start** > **Programs** > **File Explorer**. Tap and hold the file, and tap **Delete**.
- Delete large files. To find your largest files, tap **Start** > **Programs** > **Search**. In the **Type** list, tap **Larger than 64 KB**, and tap **Search**.

- In Internet Explorer Mobile, delete temporary Internet files and clear history information. For more information, see "Internet Explorer® Mobile" in Chapter 10.
- Remove programs you no longer use.
- Reset your device.

12.5 Windows Update

You can update Windows Mobile® on your device with the latest updates, security patches or fixes, if they are available.

To set up Windows Update

The first time you run Windows Update, you need to set up how you want Windows Update to check for patches on the Microsoft Web site.

1. Tap **Start** > **Settings** > **Systems** tab > **Windows Update**.
2. On the Update Setup screen, tap **Next**.
3. Select how you want to check for updates, **Manual** or **Automatic**, then tap **Next**.

   If you select **Automatic**, you will be asked if you want to use your current data plan to check for updates. Select or clear the **Use my data plan to check for and download updates** check box and tap **Next**.
4. Tap **Finish**.

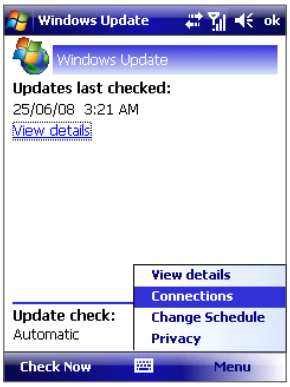
To check for updates

1. Tap **Start** > **Settings** > **Systems** tab > **Windows Update**.
2. Tap **Check Now**.

Note Windows Mobile® updates may not be available at all times. You can check the Windows Mobile® Web site for update information.

To change Windows Update options

1. Tap **Start** > **Settings** > **Systems** tab > **Windows Update**.
2. Tap **Menu** and select the option you want to change.
   - Tap **Connections** to change how the device connects to the Internet when checking for updates.
   - Tap **Change Schedule** to change how Windows Update checks for Windows Mobile® updates.



12.6 Battery Saving Tips

How long your battery power lasts depends on battery type and how you use your device. Try the following to help preserve battery life:

- When the device is not in use, press POWER to switch off the display.
- Tap **Start > Settings > System** tab **> Power** to open the **Power** settings screen. On the **Advanced** tab of the Power settings screen, you can specify when your device automatically turns off the display to conserve battery power. For optimum conservation, specify 3 minutes or less.
- Use the AC adapter to plug your device into external power whenever possible, especially when using a storage card or when using a modem or other peripherals.
- Adjust the backlight settings. For more information, see "To set the backlight to dim after a time delay" in Chapter 4.
- Turn Bluetooth off when you are not using it. Make your device visible to other devices only when you are trying to establish a Bluetooth partnership. For more information about Bluetooth, see Chapter 10.
- Lower the volume.
- Close battery-intensive programs, such as the Camera, when you are done using them. Make sure the programs are ended and are not continuously running in the background.

Chapter 13
Using Other Applications

13.1 Voice Command
13.2 Using Java

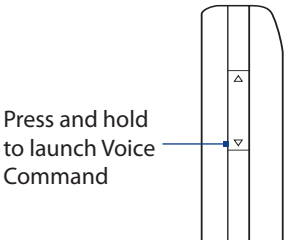
13.1 Voice Command

Voice Command lets you make phone calls, open programs, play back music, get calendar information, and more, just by using your voice. It only responds to a set of predefined commands and does not allow you to record your own commands.

To use Voice Command

1. Hold your device a few inches away from your mouth.
2. Press and hold the Volume Down button that is located on the upper left side of your device.

   You will then hear a sound, and you will see a **Microphone** icon ( ) on the title bar.



3. In a clear voice, say a command. For example, say "**Help**" to ask for information about using Voice Command.
4. Voice Command then asks you a question. Speak out your answer.

To place a call

You can call contacts that are stored on your device, dial a phone number, redial, and place a return call.

1. Press and hold the Volume Down button until the **Microphone** icon ( ) appears on the title bar.
2. In a clear voice, say one of the following commands:
   - "**Call** [contact name]" to call a device contact.
   - "**Dial** [number]" to dial a phone number.
   - "**Redial**" to repeat the last call made.
   - "**Callback**" to return the last call received.
   - "**Call** [contact name] at [location]" to call a contact at a specific number. For example, say:

     "**Call Ann at mobile**"

     "**Call Ann at home**"

     "**Call Ann at work**"
3. Voice Command will then confirm with you the contact or number to call. Say "**Yes**" or "**Correct**."

   If Voice Command is wrong about the contact or number to call, say "**No**" or "**Incorrect**" to try again.
4. Your device starts to call the contact or number.

To open a program

1. Press and hold the Volume Down button until the **Microphone** icon ( ) appears on the title bar.
2. In a clear voice, say "**Start**", "**Open**", or "**Show**" then the program name.

To request information from your calendar

1. Press and hold the Volume Up button until the **Microphone** icon ( ) appears on the title bar.
2. In a clear voice, ask for the information you want to retrieve. For example, say:

   "**What's my next appointment?**"

   "**What's my next meeting?**"

   "**What's my schedule tomorrow?**"

To request for date and time

1. Press and hold the Volume Up button until the **Microphone** icon ( ) appears on the title bar.
2. In a clear voice, say "**What date is it?**" Voice Command then tells you the current date.
3. Press and hold the Volume Up button again, and then say "**What time is it?**"
4. Voice Command then tells you the current time.

13.2 Using Java

MIDlets are Java applications such as games and tools that can run on mobile devices, while a MIDlet suite is a collection of one or more MIDlets. The **Java** program lets you download, install and manage MIDlets or MIDlet suites on your device. Your device supports Java 2 Micro Edition, J2ME.

To open the Java program

Tap **Start** > **Programs** > **Java**.

Install and launch MIDlets/MIDlet suites

There are two ways to install a MIDlet/MIDlet suite.

To download and install via Internet Explorer Mobile

1. On the Java screen, tap **Menu** > **Install** > **Browser** to open Internet Explorer Mobile.
2. Locate the MIDlet/MIDlet suite while connected to the Internet.
3. Select the MIDlet/MIDlet suite to download.
4. Information about the MIDlet/MIDlet suite is then displayed. Tap **Continue**.
5. Confirm to start downloading.
6. Select **<root>** or a folder where to install the MIDlet suite to, then tap **OK**.

To install from your device

You can copy MIDlets/MIDlet suites from the PC to your device using the USB sync cable, infrared, or Bluetooth connection. Copy them to the root folder or any subfolder on your device.

1. On the Java screen, tap **Menu** > **Install** > **Local Files**. The program then searches for MIDlets/MIDlet suites on your device and displays them in a list.
2. From the list, tap the MIDlet/MIDlet suite that you want to install.
3. Confirm to start the installation.
4. Select **<root>** or a folder where to install the MIDlet suite to, then tap **OK**.

To run a MIDlet/MIDlet suite

Do one of the following:

- After installation of the MIDlet/MIDlet suite is complete, tap **Yes**.
- On the Java screen, open the folder that contains the MIDlet/MIDlet suite. Select the MIDlet/MIDlet suite then tap **Launch**.

To stop running a MIDlet/MIDlet suite

Tap **Exit** or **Quit** if presented on the MIDlet/MIDlet suite's screen or menu.

Manage MIDlets/MIDlet suites

You can organize MIDlets/MIDlet suites into folders for easy identification, renaming, updating, and more. If the device memory is full, uninstall some MIDlets/MIDlet suites to free up memory space.

To create folders

1. On the Java screen, tap **Menu** > **New Folder**.
2. Enter a folder name, then tap **Create**.

To update a MIDlet/MIDlet suite

Tap and hold a MIDlet/MIDlet suite, then tap **Update**. Alternatively, you can tap **Menu** > **Edit** > **Update**.

Java will search for updates for the selected MIDlet/MIDlet suite where it was installed from before.

To uninstall MIDlets

Before you uninstall a MIDlet, make sure that it is not running.

1. Tap and hold the MIDlet, then tap **Erase**.
2. Tap **OK** to confirm.

Note To uninstall all MIDlets and folders from the current folder, tap **Menu** > **Uninstall All**.

Appendix

A.1 Specifications
A.2 Regulatory Notices
A.3 Additional Safety Information

A.1 Specifications

System Information	
Processor	Qualcomm® MSM7501A™, 528 MHz
Memory	- ROM : 256 MB - RAM : 160 MB DDR (Figures are the total ROM and RAM memory available for use and storage. Since the memory is shared by the Operating System, applications, and data, the actual available memory is less than what is written).
Operating System	Windows Mobile® 6.1 Professional

Power	
Battery	Rechargeable Lithium-ion polymer battery, 1350 mAh
Charging Time	3 hours
Battery Life (estimates)	Standby time: Up to 360 hours Talk time: Up to 6.4 hours Media playback time: Up to 8 hours (WMV); up to 12 hours (WMA)
AC Adapter	Voltage range/frequency: 100 - 240V AC, 50/60 Hz DC output: 5V and 1A

Display	
LCD Type	2.6"TFT-LCD with backlight LEDs, touch-sensitive screen
Resolution	240 x 320 with 65,536 colors
Alignment	Portrait and Landscape

Phone	
Functionality	CDMA2000 1xRTT / 1xEVDO/ 1xEVDO Rev. A and IS-95A/B voice or data
Mode	Dual-band (800 and 1900 MHz)
Internal Antenna	Yes

Physical	
Dimensions	107 mm (L) x 55 mm (W) x 17.1 mm (T)
Weight	120g (with battery)

Camera Module	
Type	2 megapixel color CMOS camera
Resolution	Photo: 1600x1200 (UXGA), 1280x960 (SXGA), 640x480 (VGA), 320x240 (QVGA), 160x120 (QQVGA) Video: 352 x 288 (CIF), 320 x 240 (QVGA), 176 x 144 (QCIF), 128 x 96 (Sub-QCIF)
Digital Zoom	Up to 8x

Connections	
I/O Port	HTC ExtUSB™ : 11-pin mini-USB and audio jack in one Full-speed USB 2.0 (ExtUSB is a proprietary connection interface that is trademarked by HTC.)
Wireless Connections	Bluetooth 2.0
GPS	Internal GPS antenna

Controls and Lights	
Navigation Buttons	• HTC TouchFLO™ • 4-Way NAVIGATION Control / ENTER button • Two phone functions : TALK and END • Volume button • CAMERA button • POWER button • RESET button
Hardware Keyboard	20-key QWERTY keyboard
LEDs	The right LED shows Green and Amber lights for CDMA standby, message, and network status as well as for notification and battery charging status. Shows a flashing red light when the battery level reaches 5% or lower. The left LED shows a flashing Blue light when the Bluetooth system is powered up and ready to transmit Bluetooth radio signal.

Audio	
Microphone/ Speaker	Built-in microphone and loud speaker for hands-free supported
Ring Tone Formats	• Supports AAC, AAC+, eAAC+, MP3, WMA, WAV, QCELP, MPEG4, AMR-NB, AMR-WB • 40 polyphonic and Standard MIDI format 0 and 1 (SMF) / SP MIDI

Expansion Slots	
Card Slot	microSD™ (SD 2.0 compatible)

A.2 Regulatory Notices

Regulatory Agency Identifications

For regulatory identification purposes, your product is assigned a model number of NEON400.

FCC ID: NM8NEON400. IC: 4115A-NEON400.

To ensure continued reliable and safe operation of your device, use only the accessories listed below with your **NEON400**.

The Battery Pack has been assigned a model number of **NEON161**.

This product is intended for use with a certified Class 2 Limited Power Source, rated 5 Volts DC, maximum 1 Amp power supply unit.

Federal Communications Commission Notice

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or TV reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

Modifications

The FCC requires the user to be notified that any changes or modifications made to the device that are not expressly approved by HTC Corporation may void the user's authority to operate the equipment.

FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices

On July 10, 2003, the U.S. Federal Communications Commission (FCC) Report and Order in WT Docket 01-309 modified the exception of wireless phones under the Hearing Aid Compatibility Act of 1988 (HAC Act) to require digital wireless phones be compatible with hearing-aids. The intent of the HAC Act is to ensure reasonable access to telecommunications services for persons with hearing disabilities.

While some wireless phones are used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise, and phones also vary in the amount of interference they generate.

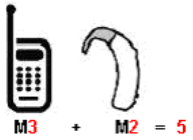
The wireless telephone industry has developed a rating system for wireless phones, to assist hearing device users find phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box.

The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings. NEON400 is rated M3.

Please power off the Bluetooth function while using hearing aid devices with your NEON400.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating. Higher ratings mean that the hearing device is relatively immune to interference noise. The hearing aid and wireless phone rating values are then added together. A sum of 5 is considered acceptable for normal use. A sum of 6 is considered for better use. A sum of 8 is considered for best use.



In the above example, if a hearing aid meets the M2 level rating and the wireless phone meets the M3 level rating, the sum of the two values equal M5. This should provide the hearing aid user with "normal usage" while using their hearing aid with the particular wireless phone. "Normal usage" in this context is defined as a signal quality that is acceptable for normal operation.

The M mark is intended to be synonymous with the U mark. The T mark is intended to be synonymous with the UT mark. The M and T marks are recommended by the Alliance for Telecommunications Industries Solutions (ATIS). The U and UT marks are referenced in Section 20.19 of the FCC Rules. The HAC rating and measurement procedure are described in the American National Standards Institute (ANSI) C63.19 standard.

For information about hearing aids and digital wireless phones

FCC Hearing Aid Compatibility and Volume Control:

http://www.fcc.gov/cgb/dro/hearing.html

Gallaudet University, RERC:

http://tap.gallaudet.edu/DigWireless.KS/DigWireless.htm

SAR Information

SAR: 1.19 W/kg@1g (Head), 0.751 W/kg@1g (Body)

THIS MODEL DEVICE MEETS THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines when used with the HTC Corp. accessories supplied or designated for this product. Use of other accessoies may not ensure compliance with the FCC RF exposure guidelines.

Your wireless mobile CDMA phone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on the safety standards previously set by both U.S. and international standards bodies:

- American National Standards Institute (ANSI) IEEE. C95.1-1992.
- National Council on Radiation Protection and Measurement (NCRP). Report 86. 1986.
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1996.
- Ministry of Health (Canada), Safety Code 6. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless mobile CDMA phone employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg*.

The FCC has granted an Equipment Authorization for this model device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model device is on file with the FCC and can be found under the Display Grant section of https://gullfoss2.fcc.gov/prod/oet/cf/eas/reports/GenericSearch.cfm after searching on FCC ID: NM8NEON400.

* In the U.S. and Canada, the SAR limit for mobile CDMA phone used by the public is 1.6 Watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in usage.

Normal condition only to ensure the radiative performance and safety of the interference. As with other mobile radio transmitting equipment, users are advised that for satisfactory operation of the equipment and for the safety of personnel, it is recommended that no part of the human body be allowed to come too close to the antenna during operation of the equipment.

IC Statement

Operation is subject to the following two conditions:

1. This device may not cause interference; and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

Important Note

IC Radiation Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

This Class B digital apparatus complies with Canadian ICES-003.

Telecommunications & Internet Association (TIA) Safety Information

Pacemakers

The Health Industry Manufacturers Association recommends that a minimum separation of six inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research. Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference. If you have any reason to suspect that interference is taking place, turn the phone OFF immediately.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

Turn the phone OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

WEEE Notice

The Directive on Waste Electrical and Electronic Equipment (WEEE), which entered into force as European law on 13th February 2003, resulted in a major change in the treatment of electrical equipment at end-of-life.

The purpose of this Directive is, as a first priority, the prevention of WEEE, and in addition, to promote the reuse, recycling and other forms of recovery of such wastes so as to reduce disposal.

The WEEE logo (shown at the left) on the product or on its box indicates that this product must not be disposed of or dumped with your other household waste. You are liable to dispose of all your electronic or electrical waste equipment by relocating over to the specified collection point for recycling of such hazardous waste. Isolated collection and proper recovery of your electronic and electrical waste equipment at the time of disposal will allow us to help conserving natural resources. Moreover, proper recycling of the electronic and electrical waste equipment will ensure safety of human health and environment. For more information about electronic and electrical waste equipment disposal, recovery, and collection points, please contact your local city center, household waste disposal service, shop from where you purchased the equipment, or manufacturer of the equipment.

RoHS Compliance

This product is in compliance with Directive 2002/95/EC of the European Parliament and of the Council of 27 January 2003, on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) and its amendments.

A.3 Additional Safety Information

This section provides more safety information in addition to the information at the beginning of the user manual.

When Driving

Do Not Use The PC Functions Of Your Pocket PC While Driving Or Walking

Never use the personal computer functions of your device while driving an automobile or any other moving vehicle. Always pull out of traffic and come to a stop in a legally permissible and safe location before using your device. Failure to do so could result in serious bodily injury in a traffic accident.

When driving:

- Always secure your device in its leather pouch.
- Never place your device on the passenger seat or anyplace else in the car where it can become a projectile during a collision or stop.
- An air bag inflates with great force. DO NOT place objects, including either installed or portable wireless equipment, in the area over the air bag or in the air bag deployment area. If in-vehicle wireless equipment is improperly installed and the air bag inflates, serious injury could result.

Never store or transport flammable liquids, gases or explosive materials in the same compartment of your automobile as the device or any of its accessories, as possible sparking in the device could cause ignition or explosion.

Never use your device while walking. Usage while walking could result in bodily injury caused by inattention to automobile traffic or other pedestrian hazards.

Using The Phone Function Of Your Pocket PC While Driving Is Extremely Dangerous

Talking on or using your PDA phone while driving is extremely dangerous and is illegal in some states. Remember, safety comes first. Check the laws and regulations on the use of phones in the areas where you drive. Always obey them.

If you must use the phone function while driving, please:

- Give full attention to driving. Driving safely is your first responsibility.
- Use hands-free operation and/or one-touch, speed dialing, and auto answer modes.
- Pull off the road and park before making or answering a call.

WARNING: Failure to follow these instructions could lead to serious personal injury and possible property damage.

When Using Your Device Near Other Electronic Devices

Your wireless handheld portable PDA phone is a low power radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) signals.

Most modern electronic equipment is shielded from RF energy. However, certain electronic equipment may not be shielded against the RF signals from your wireless PDA phone; therefore, use of your PDA phone must be restricted in certain situations.

In addition, the computer portion of your device produces low levels of RF energy due to the generation of digital timing pulses by its clock oscillator circuits. Your device has been equipped with internal shielding to minimize stray emissions of RF energy. However, use of the computer functions of your device must be restricted in certain situations.

PACEMAKERS

The Health Industry Manufacturers Association recommends that a minimum separation of six (6") inches be maintained between a handheld wireless phone and a pacemaker to avoid potential interference with the pacemaker. These recommendations are consistent with the independent research by and recommendations of Wireless Technology Research.

Never come closer than six (6) inches to a person with a heart pacemaker implant when using your device. Doing so could result in interference with the function of the pacemaker.

Persons with pacemakers:

- Should ALWAYS keep the phone more than six inches from their pacemaker when the phone is turned ON.
- Should not carry the phone in a breast pocket.
- Should use the ear opposite the pacemaker to minimize the potential for interference.

  Note: This is not necessary if the PDA phone is not held to the ear.
- If you have any reason to suspect that interference is taking place, turn the phone OFF immediately.

HEARING AIDS

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider, or call the customer service line to discuss alternatives.

For more regulatory information about hearing devices, see "FCC Hearing-Aid Compatibility (HAC) Regulations for Wireless Devices".

OTHER MEDICAL DEVICES

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from external RF energy. Your physician may be able to assist you in obtaining this information.

HOSPITALS AND HEALTH CARE FACILITIES

Turn your device OFF in health care facilities when any regulations posted in these areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

ELECTRONIC DEVICES IN VEHICLES

RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer or its representative regarding your vehicle. You should also consult the manufacturer of any equipment that has been added to your vehicle.

POSTED FACILITIES

Turn your device OFF where posted notices so require.

Turn Off Your Device Before Flying

AIRCRAFT

FCC regulations prohibit using the transmitting and phone functions of your device while in the air. In addition, most airline regulations prohibit the on-board use of portable PCs (and all other portable electronic devices that could potentially emit stray RF energy), particularly during take-offs and landings, to prevent any possible interference with the reception of signals by airborne electronic navigational devices.

Turn your device OFF before boarding an aircraft. Always request and obtain prior consent and approval of an authorized airline representative before using your device aboard an aircraft. Always follow the instructions of the airline representative whenever using your device aboard an aircraft, to prevent any possible interference with airborne electronic equipment.

Turn Off Your Device in Dangerous Areas

BLASTING AREAS

To avoid interfering with blasting operations, turn your device OFF when in a "blasting area" or in areas posted "Turn off two-way radio". Obey all signs and instructions.

POTENTIALLY EXPLOSIVE ATMOSPHERES

Turn your device OFF when in any area with a potentially explosive atmosphere and obey all signs and instructions. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations; below deck on boats; fuel or chemical transfer or storage facilities; vehicles using liquefied petroleum gas (such as propane or butane); areas where the air contains chemicals or articles, such as grain, dust, or metal powders; and any other area where you would normally be advised to turn off your vehicle's engine.

General Safety

Your pocket PC is a high quality piece of equipment. Before operating, read all instructions and cautionary markings on the product, battery and adapter/charger.

Failure to follow the directions below could result in serious bodily injury and/or property damage due to battery liquid leakage, fire or rupture.

DO NOT use or store this equipment in a place where it will be exposed to high temperatures, such as near an open flame or heat-emitting equipment.

DO NOT drop your device or subject it to severe shock. When not using, lay down the unit to avoid possible damage due to instability.

DO NOT expose this equipment to rain or spilled beverages.

DO NOT use unauthorized accessories.

DO NOT disassemble the device or its accessories. If service or repair is required, return unit to an authorized cellular service center. If the unit is disassembled, the risk of electric shock or fire may result.

Never allow metallic objects, such as staples and paper clips, to get into the inside of your device.

Never touch the liquid that might leak from a broken liquid crystal display. Contact with this liquid could cause a skin rash. If the crystal display liquid should come into contact with the skin or clothing, wash it immediately with clean water.

In the event that the device emits an unusual odor or sound or generates smoke, immediately disconnect the AC adapter from the power outlet, then detach the battery.

Antenna Safety

Use only the supplied or an approved replacement antenna. Unauthorized antennas, modifications, or attachments could impair call quality, damage your device, or result in violation of FCC regulations. Please contact your local dealer for replacement antenna.

Do not use the device with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Please contact your local dealer for replacement antenna.

Battery Safety

Your device uses a removable and rechargeable lithium ion battery. Please contact customer service for assistance should you need a replacement battery.

DOs

- Only use the battery and charger approved by the manufacturer.
- Only use the battery for its original purpose.
- Try to keep batteries in a temperature between 41°F (5°C) and 95°F (35°C).
- If the battery is stored in temperatures above or below the recommended range, give it time to warm up or cool down before using.
- Completely drain the battery before recharging. It may take one to four days to completely drain.
- Store the discharged battery in a cool, dark, and dry place.
- Purchase a new battery when its operating time gradually decreases after fully charging.
- Properly dispose of the battery according to local regulations.

DON'Ts

- Don't attempt to disassemble the battery – it is a sealed unit with no serviceable parts.
- Don't expose the battery terminals to any other metal object (e.g., by carrying it in your pocket or purse with other metallic objects such as coins, clips and pens). This can short circuit and critically damage the battery.
- Don't leave the battery in hot or cold temps. Otherwise, it could significantly reduce the capacity and lifetime of the battery.
- Don't dispose of the battery into a fire.

Lithium ion batteries are recyclable. When you replace the removable battery, please request the repair center to recycle the battery in accordance with RBRC standards. When disposing of the battery by yourself, please call RBRC at (800) 822-8837 for proper disposal tips.

Never touch any fluid that might leak from the built-in battery. Such liquid when in contact with the eyes or skin, could cause injury to the skin or eyes. Should the liquid come into contact with the eyes, irrigate the eyes thoroughly with clean water and immediately seek medical attention. In the event the liquid comes into contact with the skin or clothing, wash it away immediately with clean water.

Adapter/Charger

Use the Correct External Power Source

A product should be operated only from the type of power source indicated on the electrical ratings label. If you are not sure of the type of power source required, consult your authorized service provider or local power company. For a product that operates from battery power or other sources, refer to the operating instructions that are included with the product.

The AC Adapter/Charger designed for this unit requires the use of a standard 120 V AC power source for device operation.

Never attempt to disassemble or repair an AC adapter/charger. Never use an AC adapter/charger if it has a damaged or worn power cord or plug. Always contact an authorized service center, if repair or replacement is required.

Never alter the AC cord or plug on an AC adapter/charger. If the plug will not fit into the available outlet, have a proper outlet installed by a qualified electrician.

Never allow any liquids or water to spill on an AC adapter/charger when it is connected to an AC power source.

Always use the authorized AC adapter/charger to avoid any risk of bodily injury or damage to your cellular phone or battery.

Never attempt to connect or disconnect the AC adapter/charger with wet hands. Always unplug the AC adapter/charger from the power source before attempting any cleaning. Always use a soft cloth dampened with water to clean the equipment, after it has been unplugged.

Handling the cord on this product or cords associated with accessories sold with this product, will expose you to lead, a chemical known to the State of California to cause birth defects or other reproductive harm. Wash hands after handling.

Always disconnect the travel charger or desktop charger from the power source when it is not in use.

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